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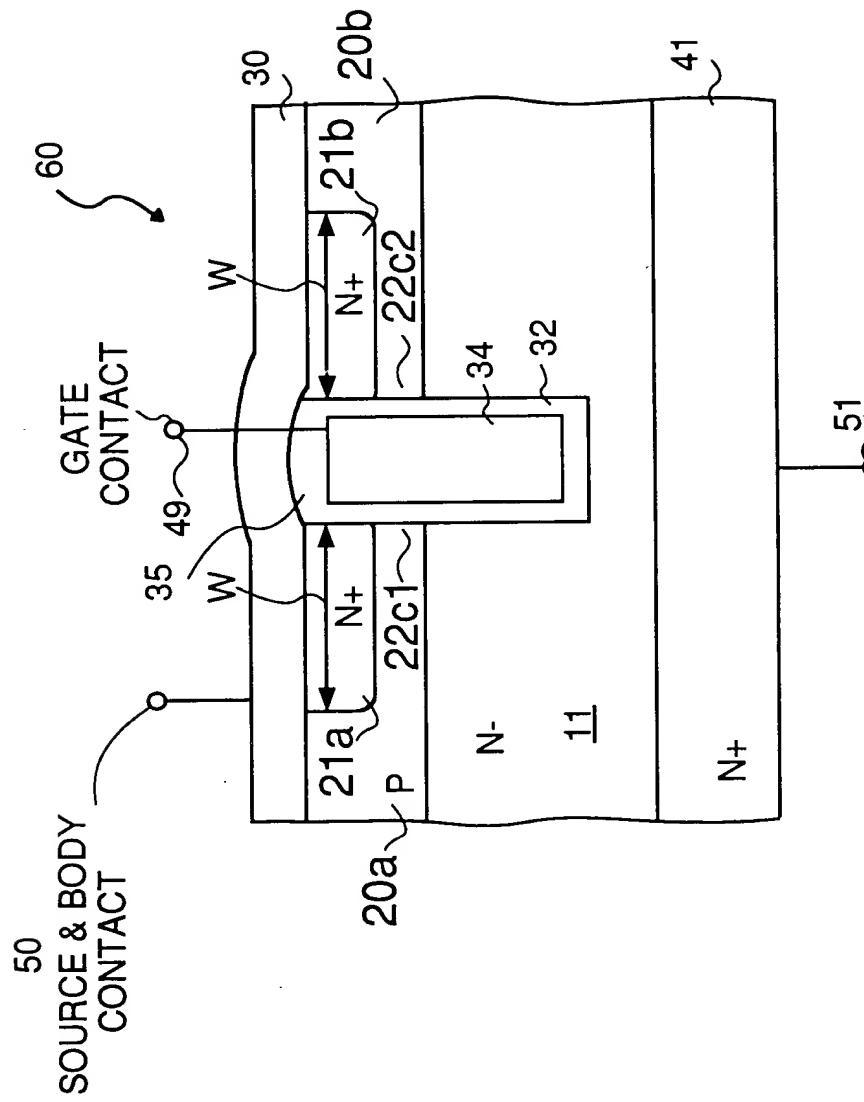


FIG. 1



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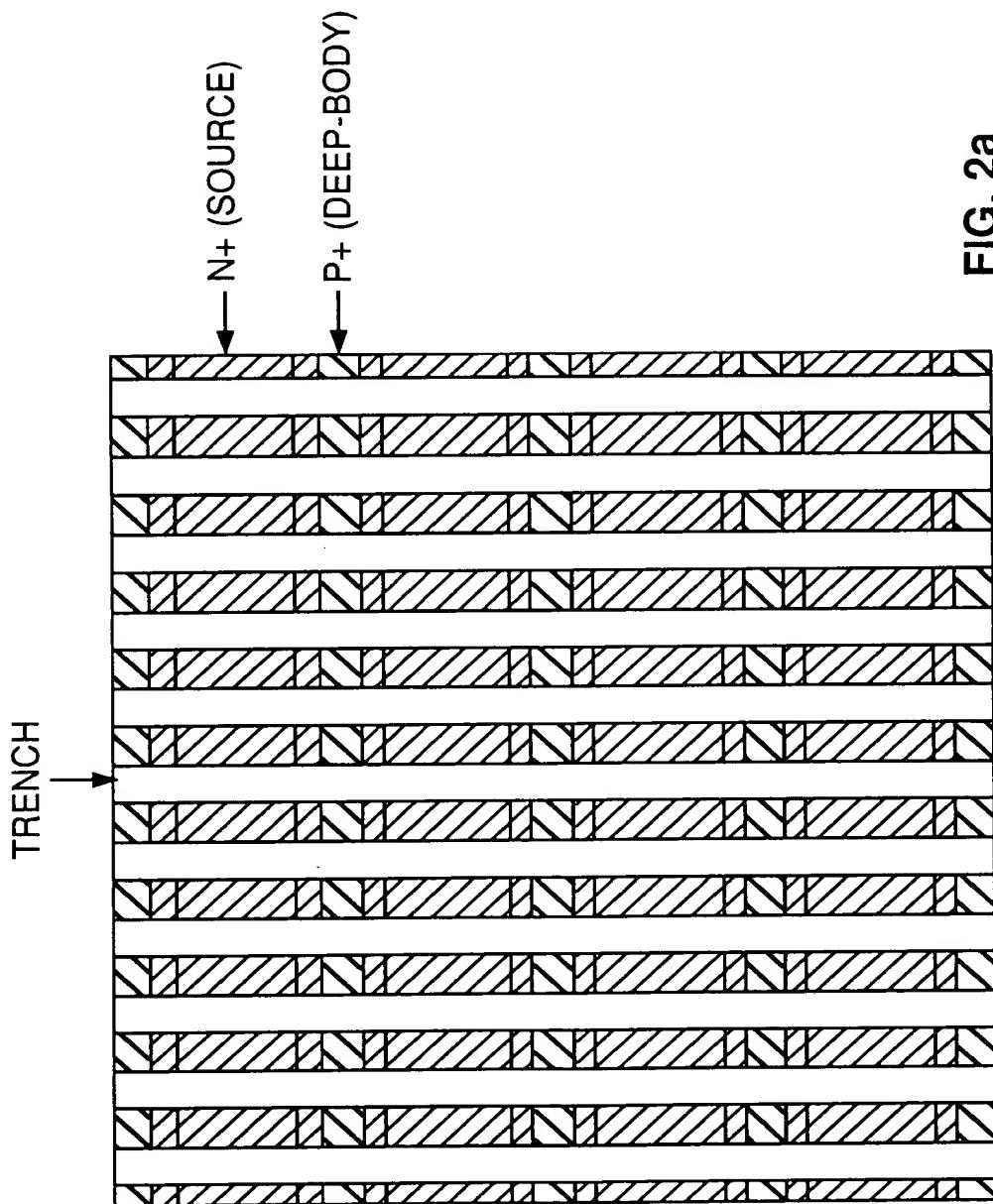


FIG. 2a



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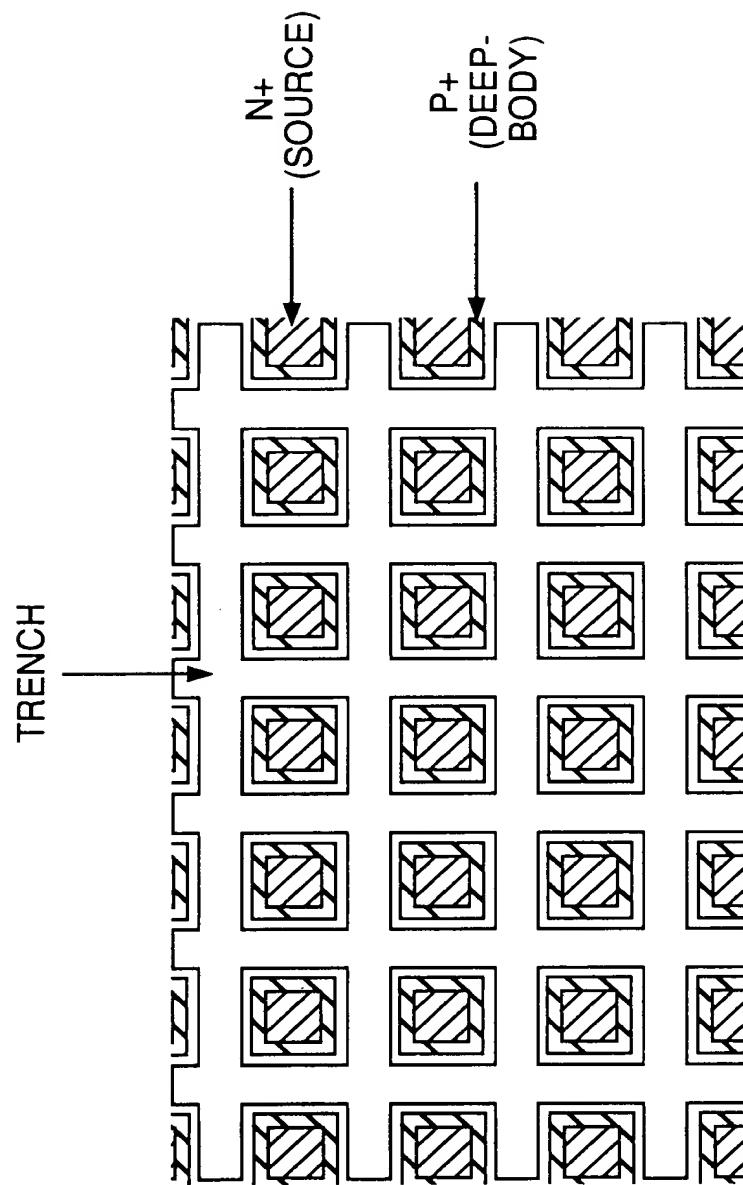


FIG. 2b



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VERT/DIV 10 mA  
CURSOR 0.1 mA  
HORIZ/DIV 5 V  
CURSOR -0.45 V  
PER STEP 500 mV  
OFFSET 0 mV  
B or gm/DIV 20mS  
AUX SUPPLY 0.00V

A2.4/QD5.3

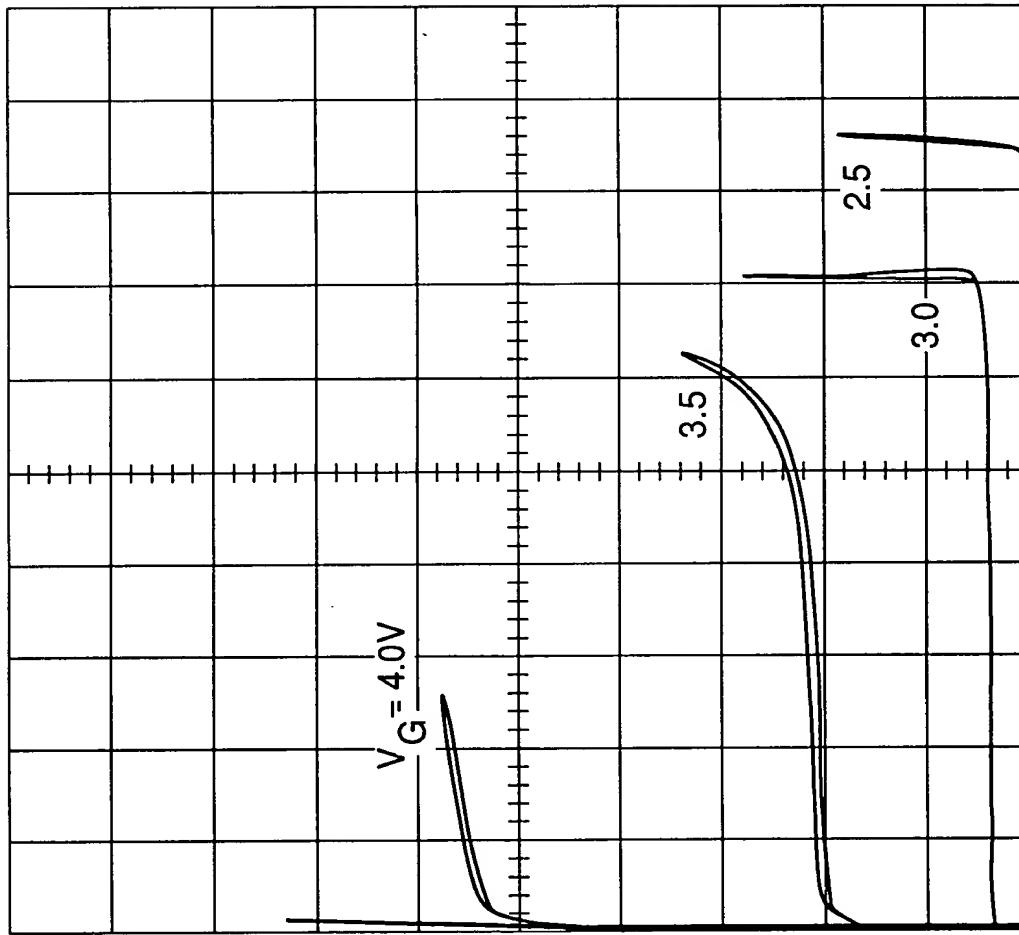


FIG. 3a



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VERT/DIV 10 mA  
CURSOR 0.1 mA  
HORIZ/DIV 5 V  
CURSOR -0.15 V  
PER STEP 500 mV  
OFFSET 0 mV  
B or gm/DIV 20mS  
AUX SUPPLY 0.00V

A2.1/QD5.3

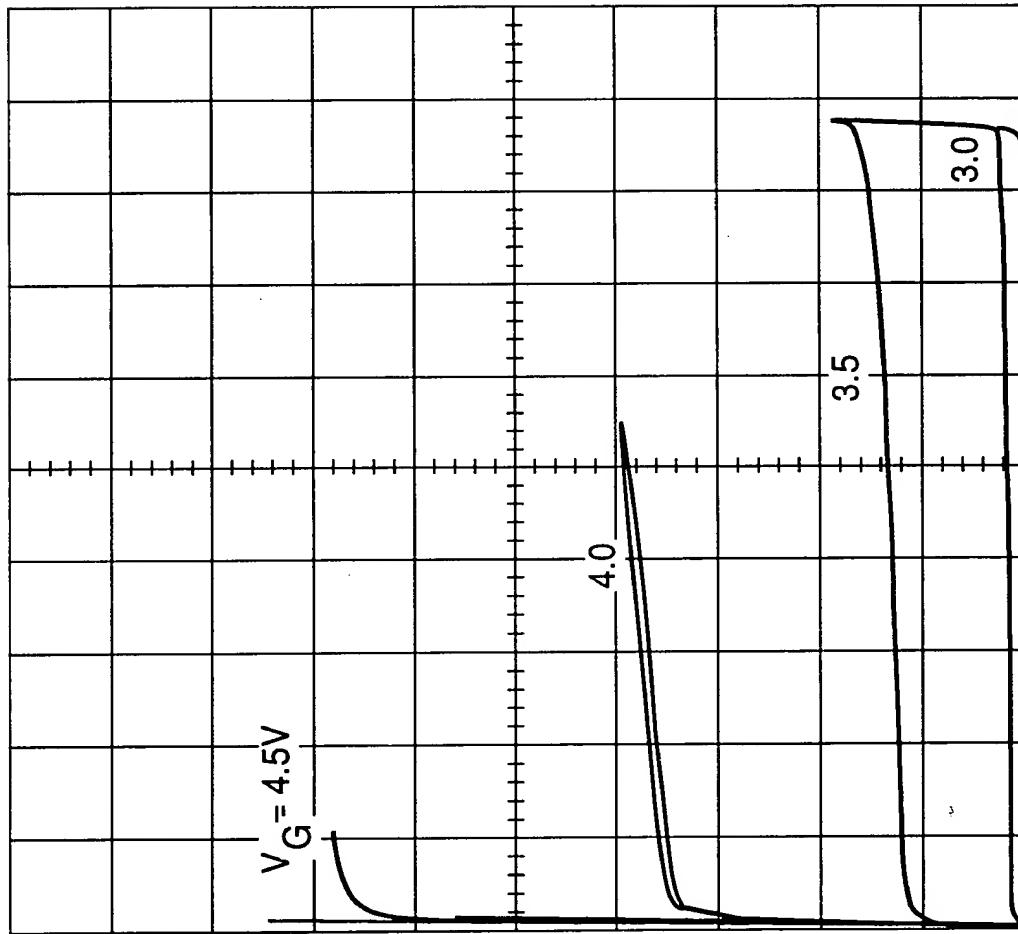


FIG. 3b



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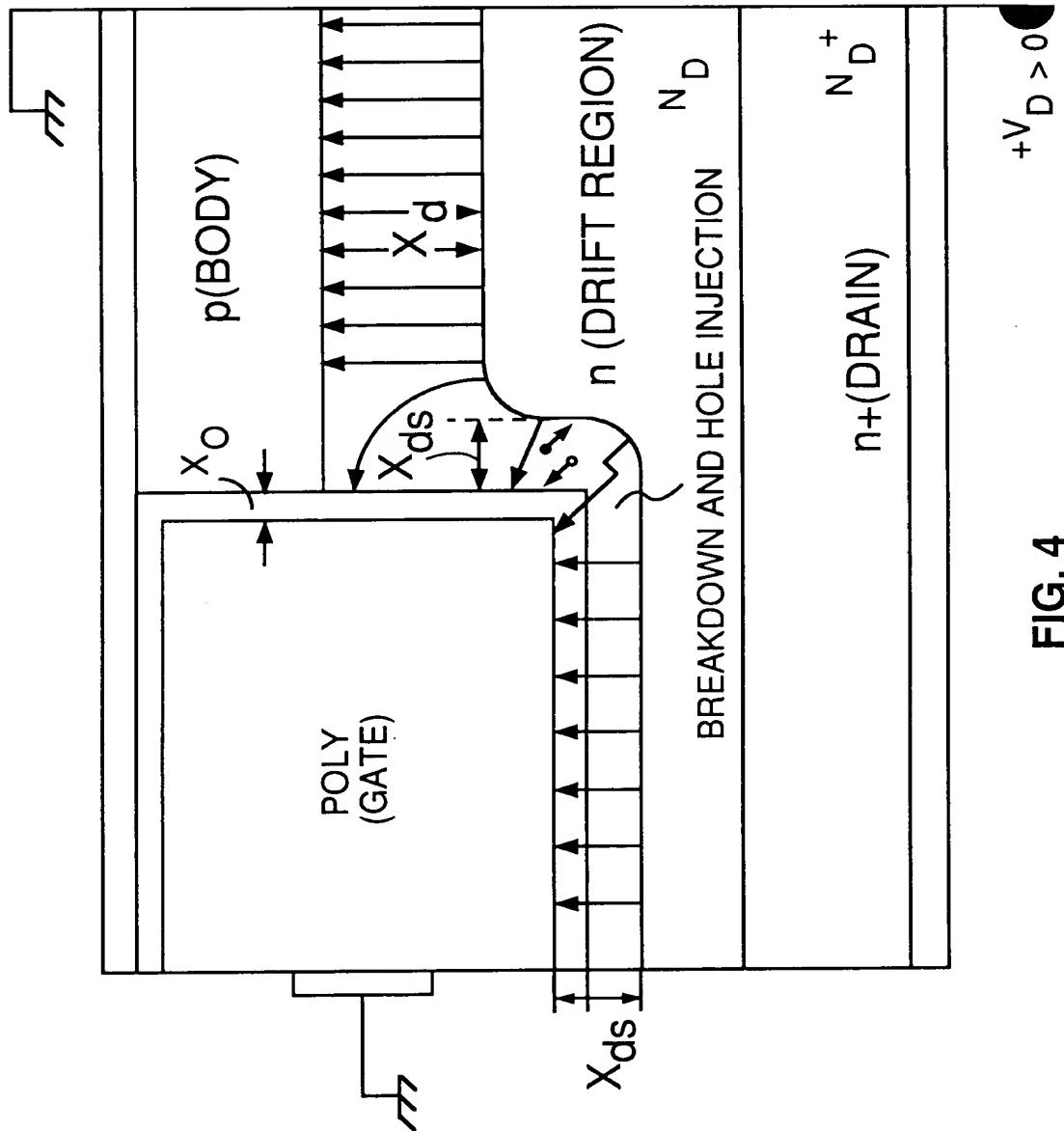


FIG. 4



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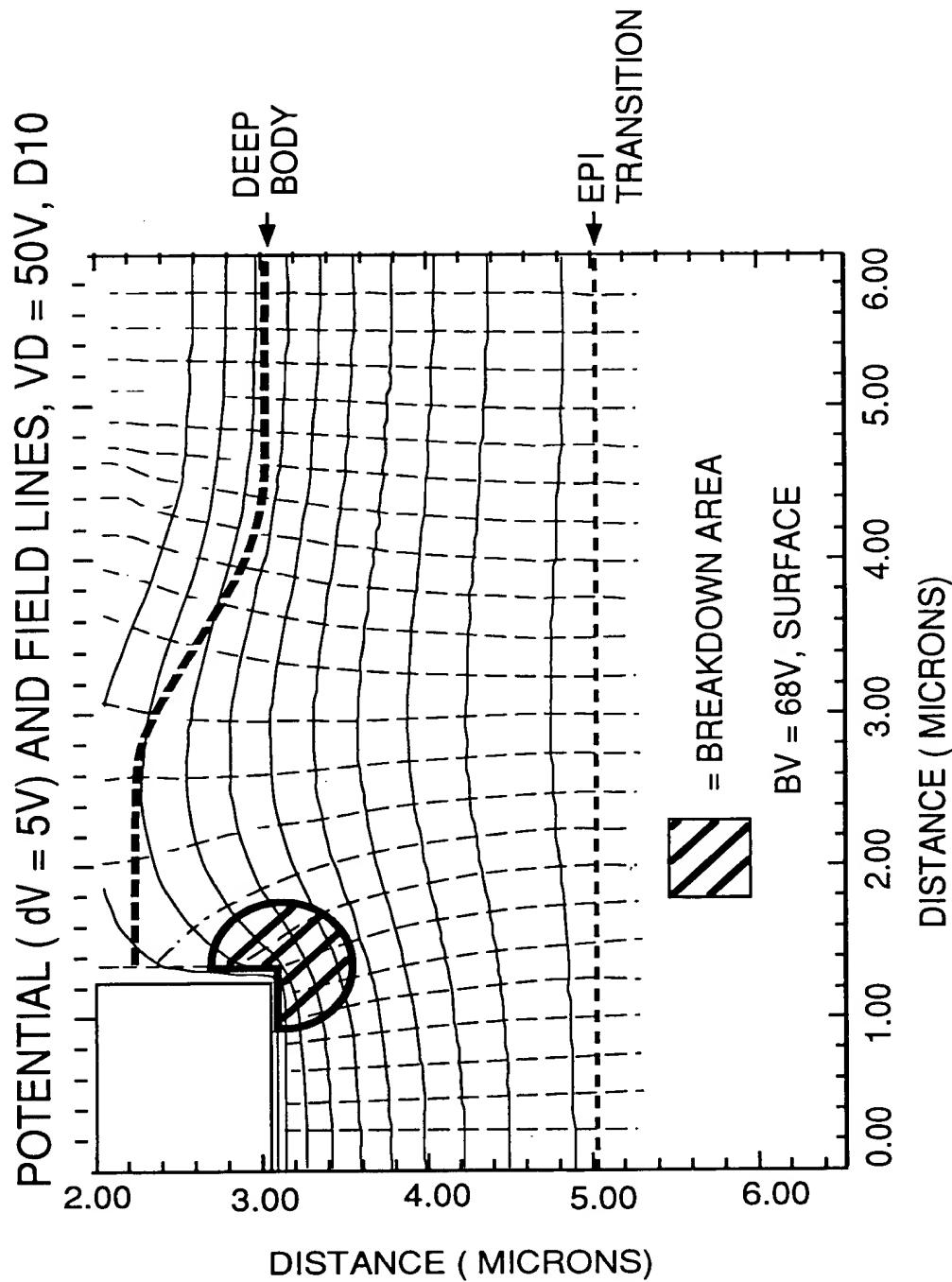


FIG. 5



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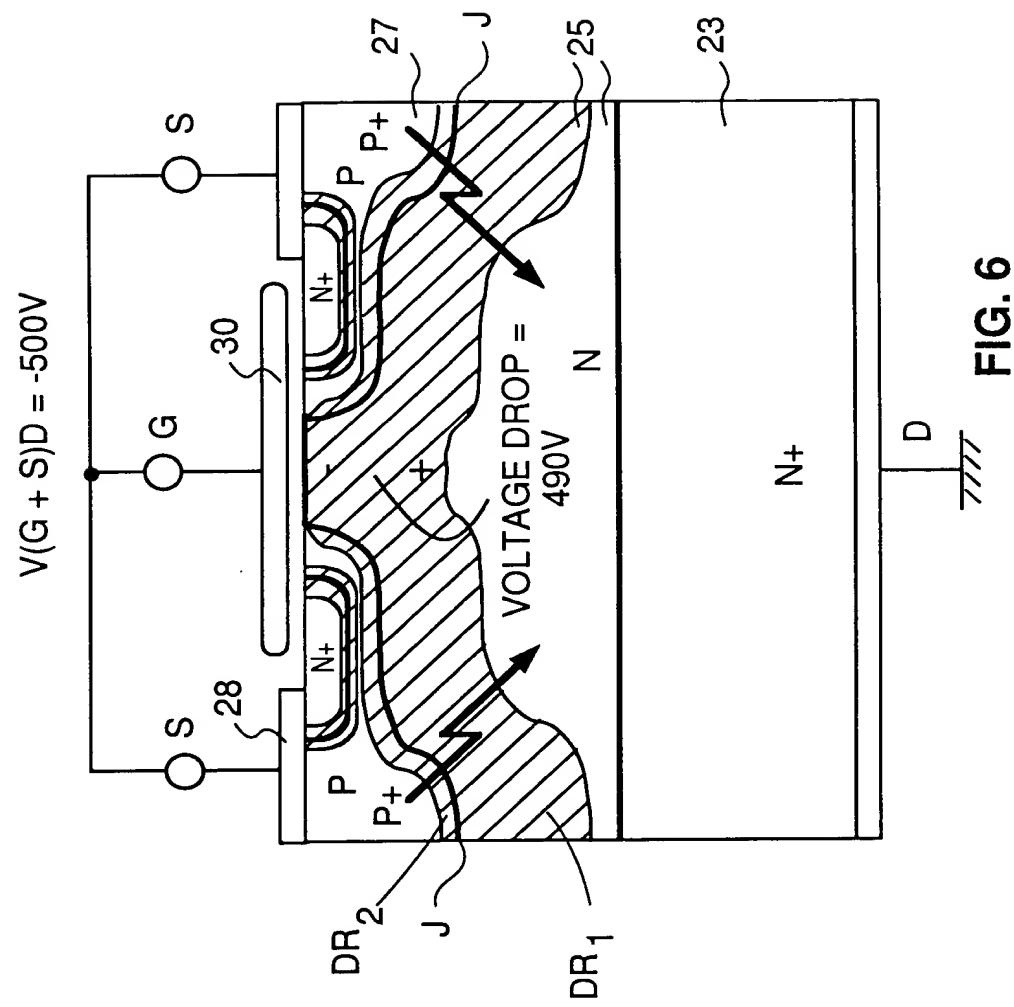


FIG. 6



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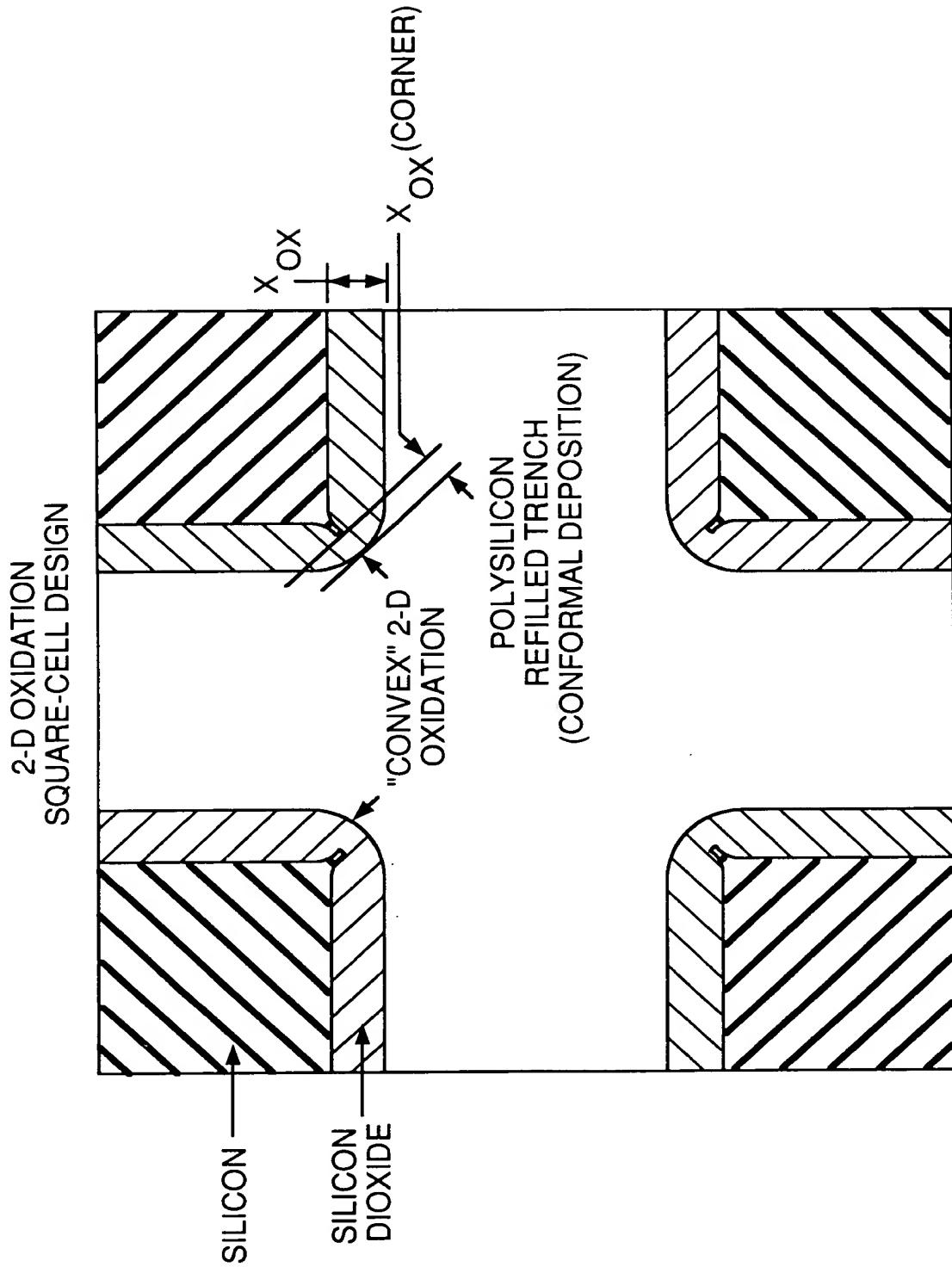


FIG. 7



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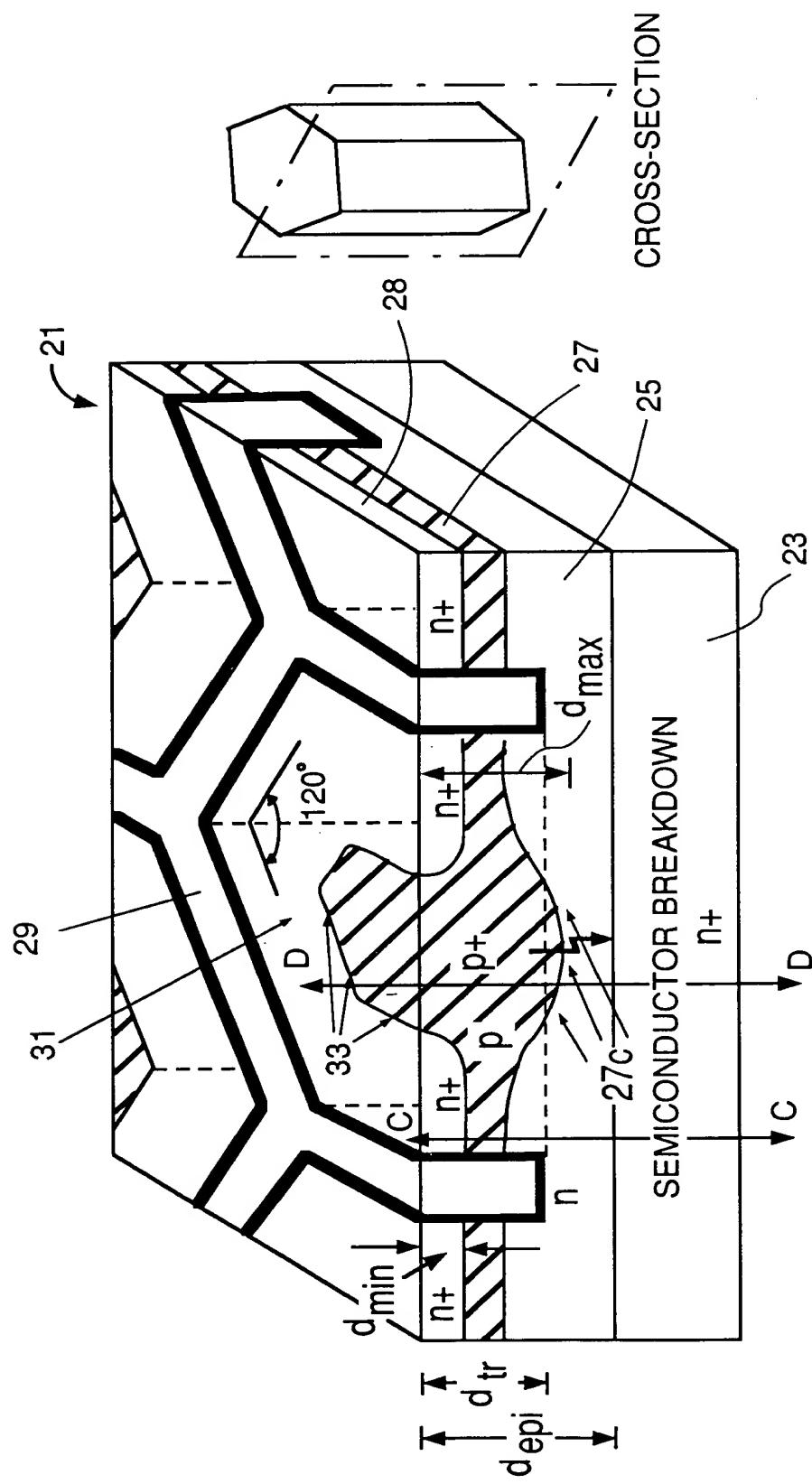


FIG. 8

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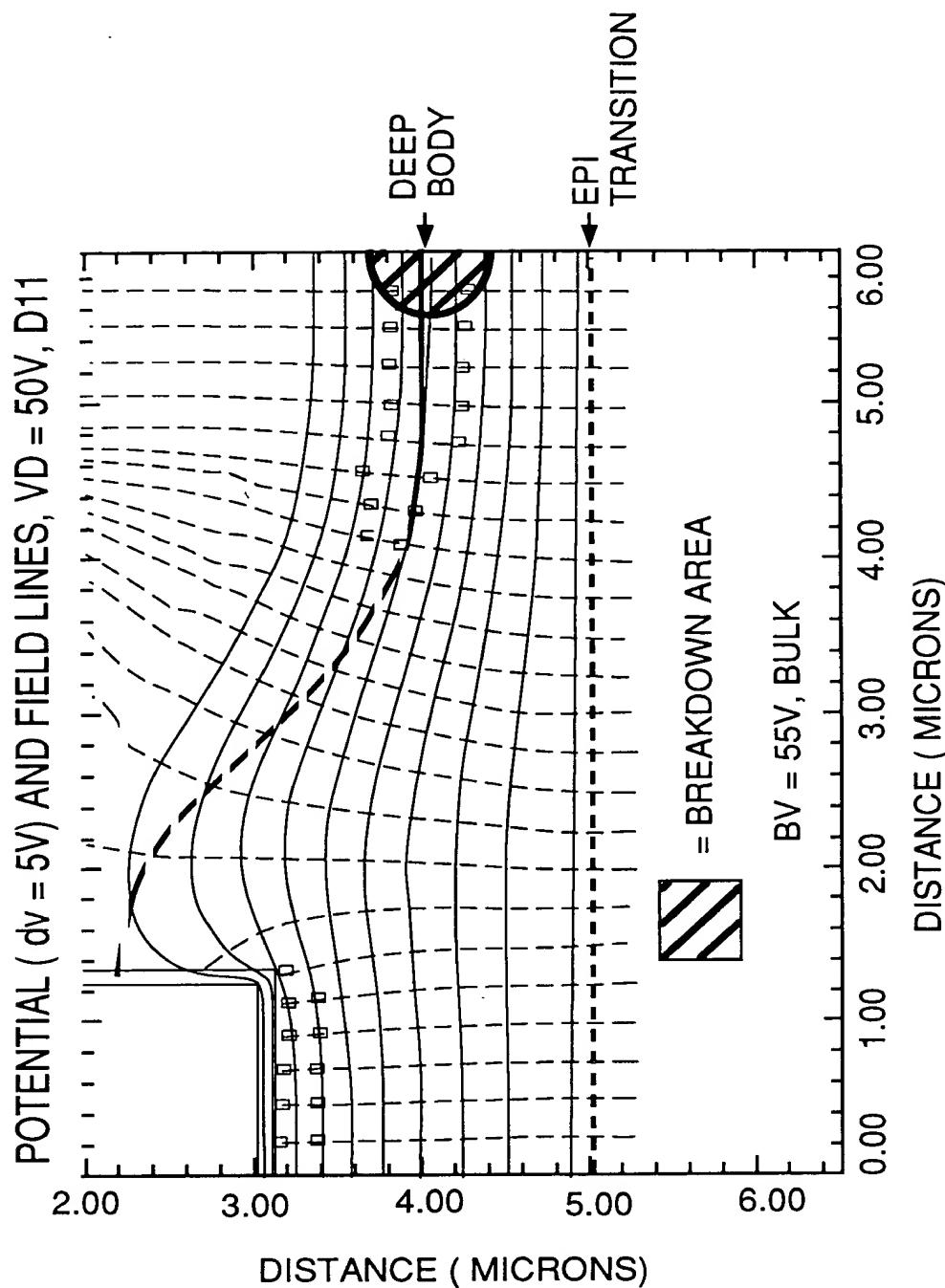
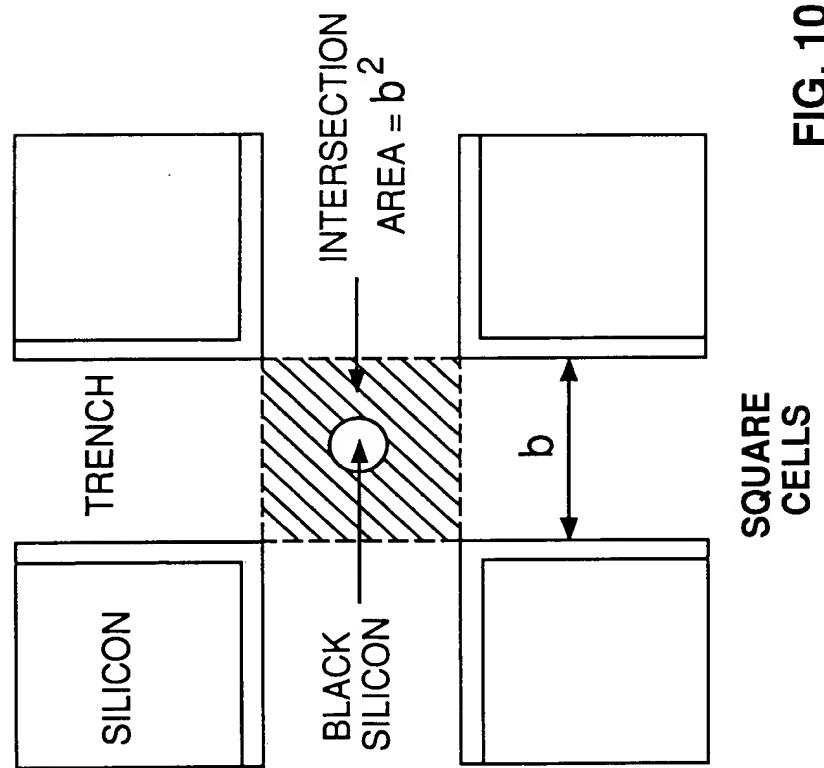
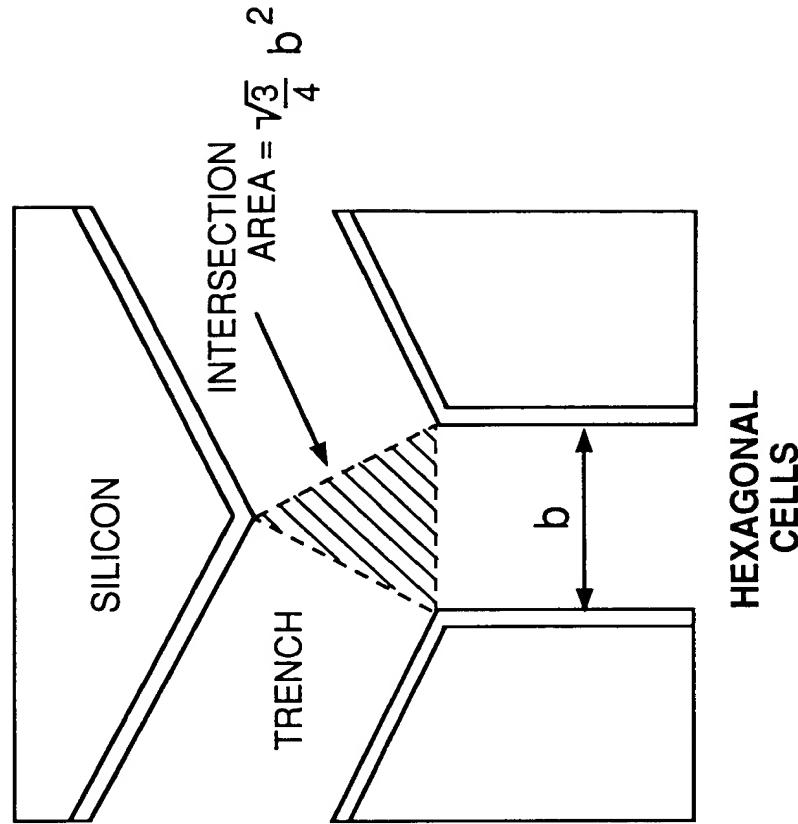


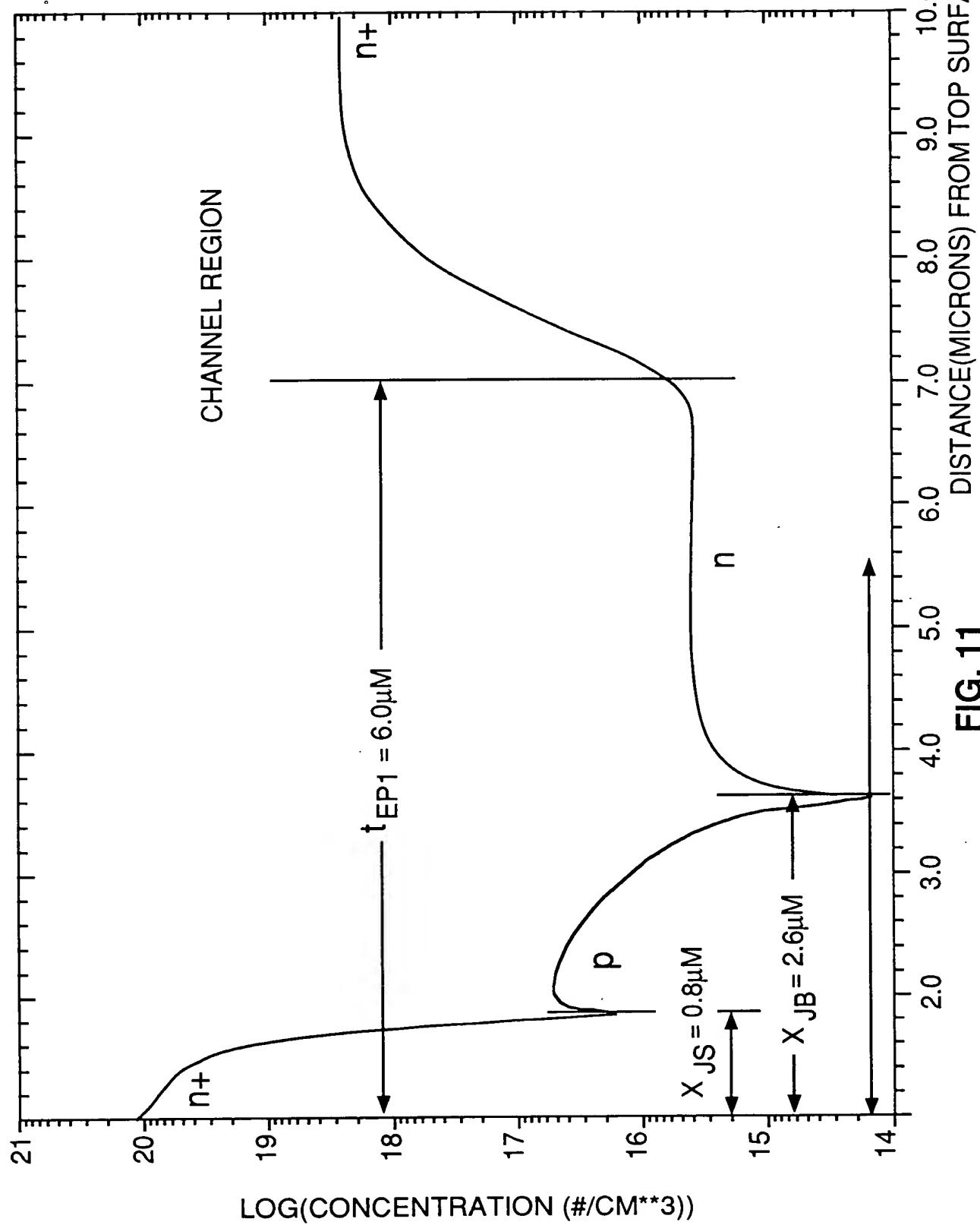
FIG. 9



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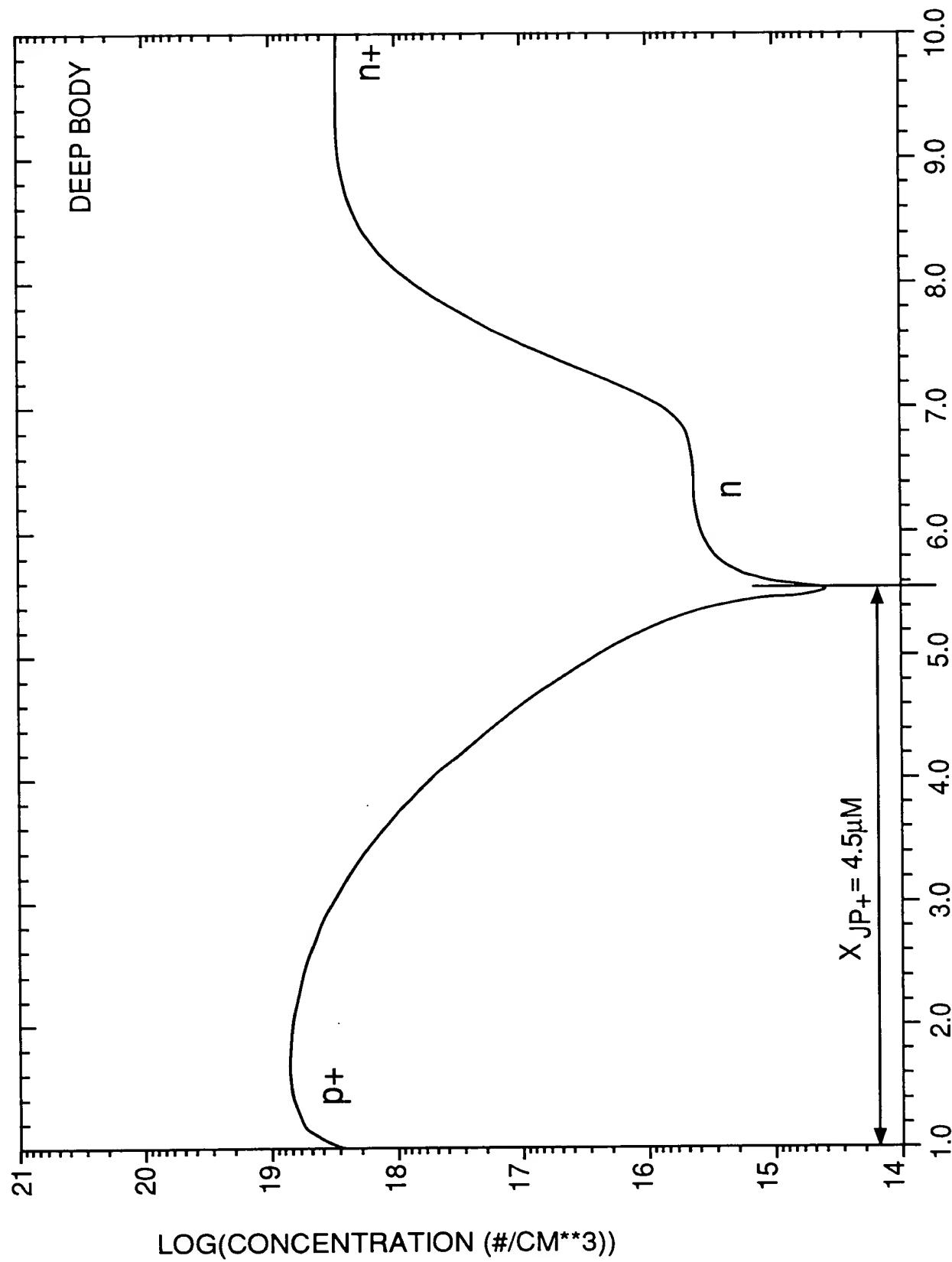


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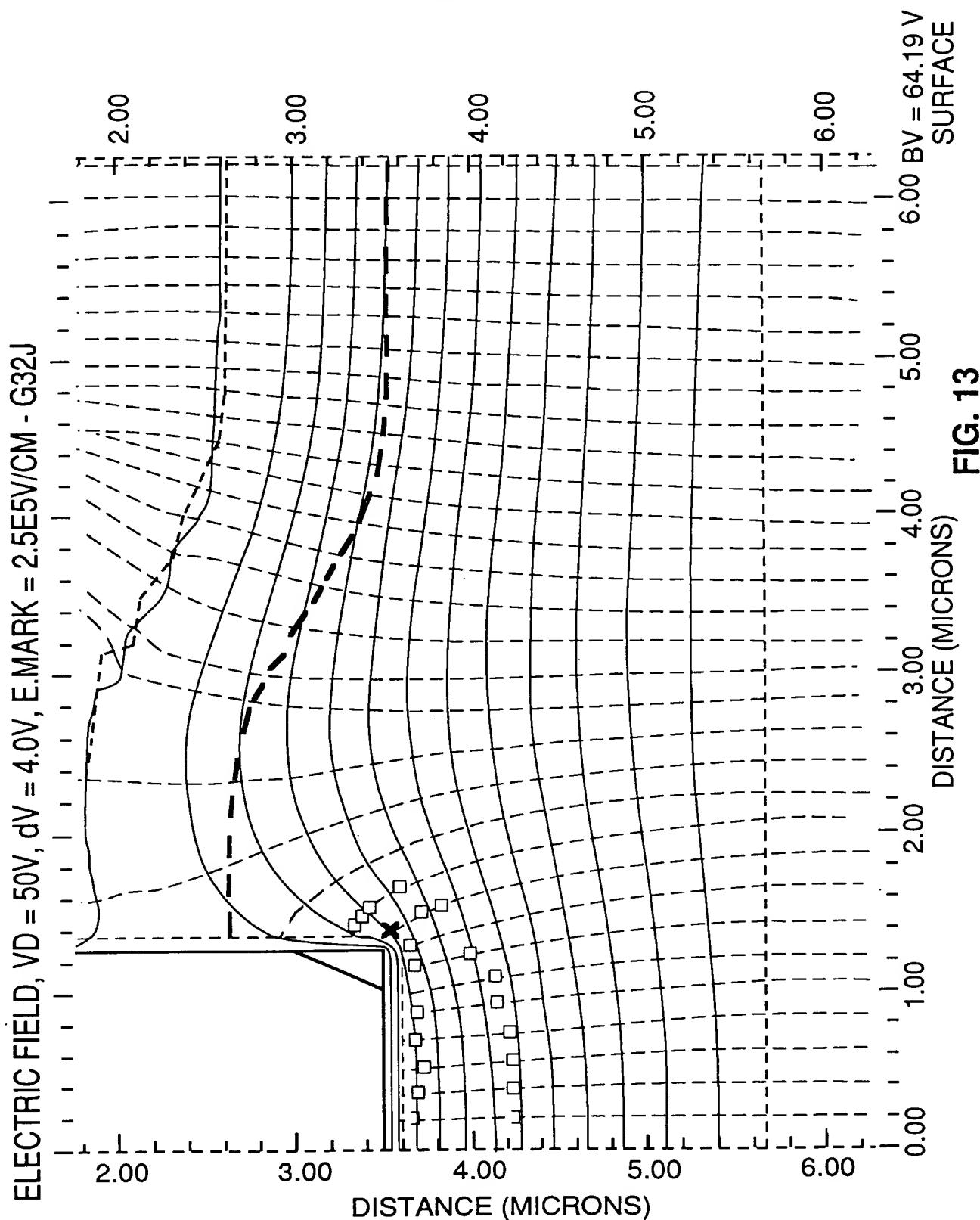


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**FIG.12** DISTANCE (MICRONS) FROM TOP SURFACE

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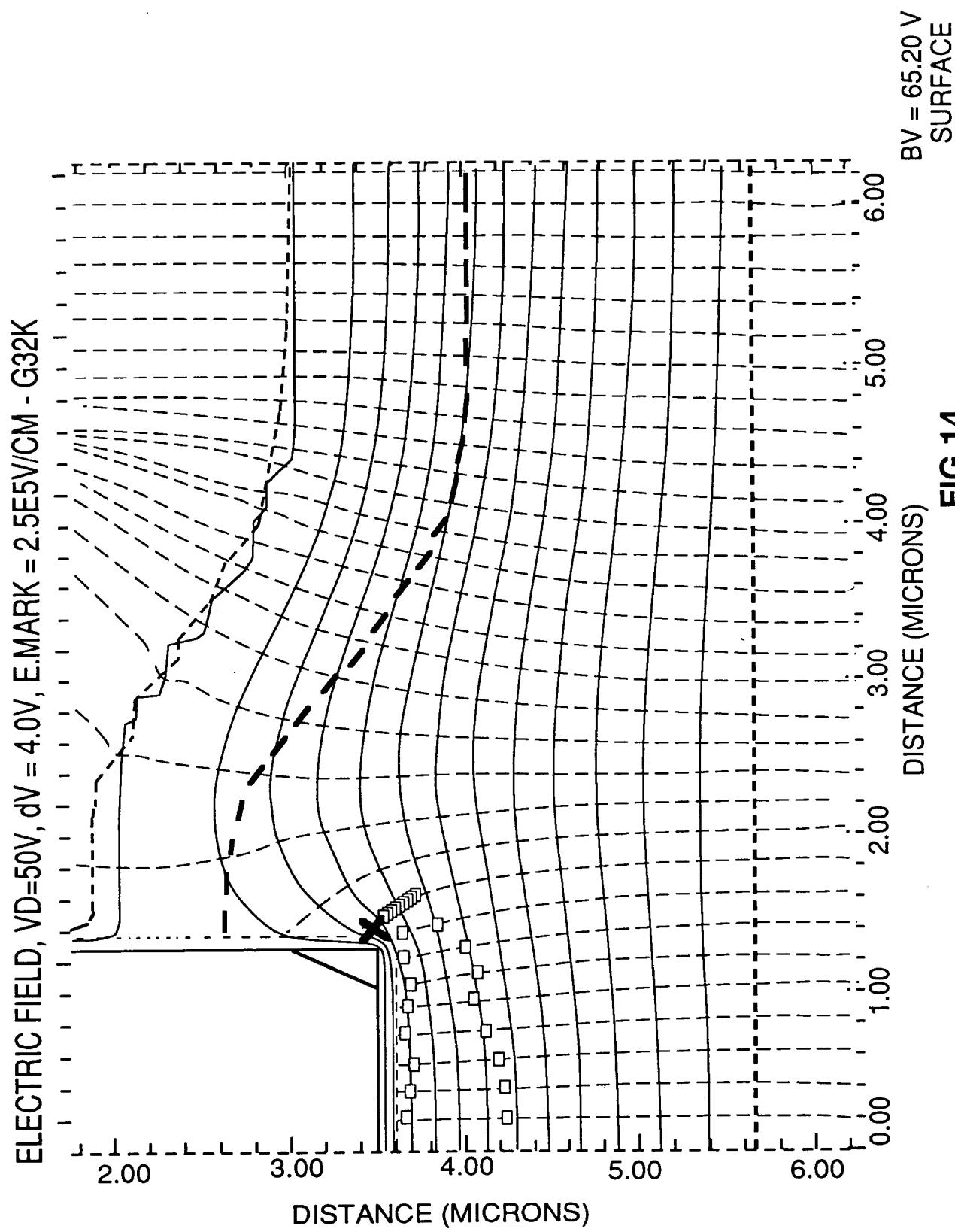
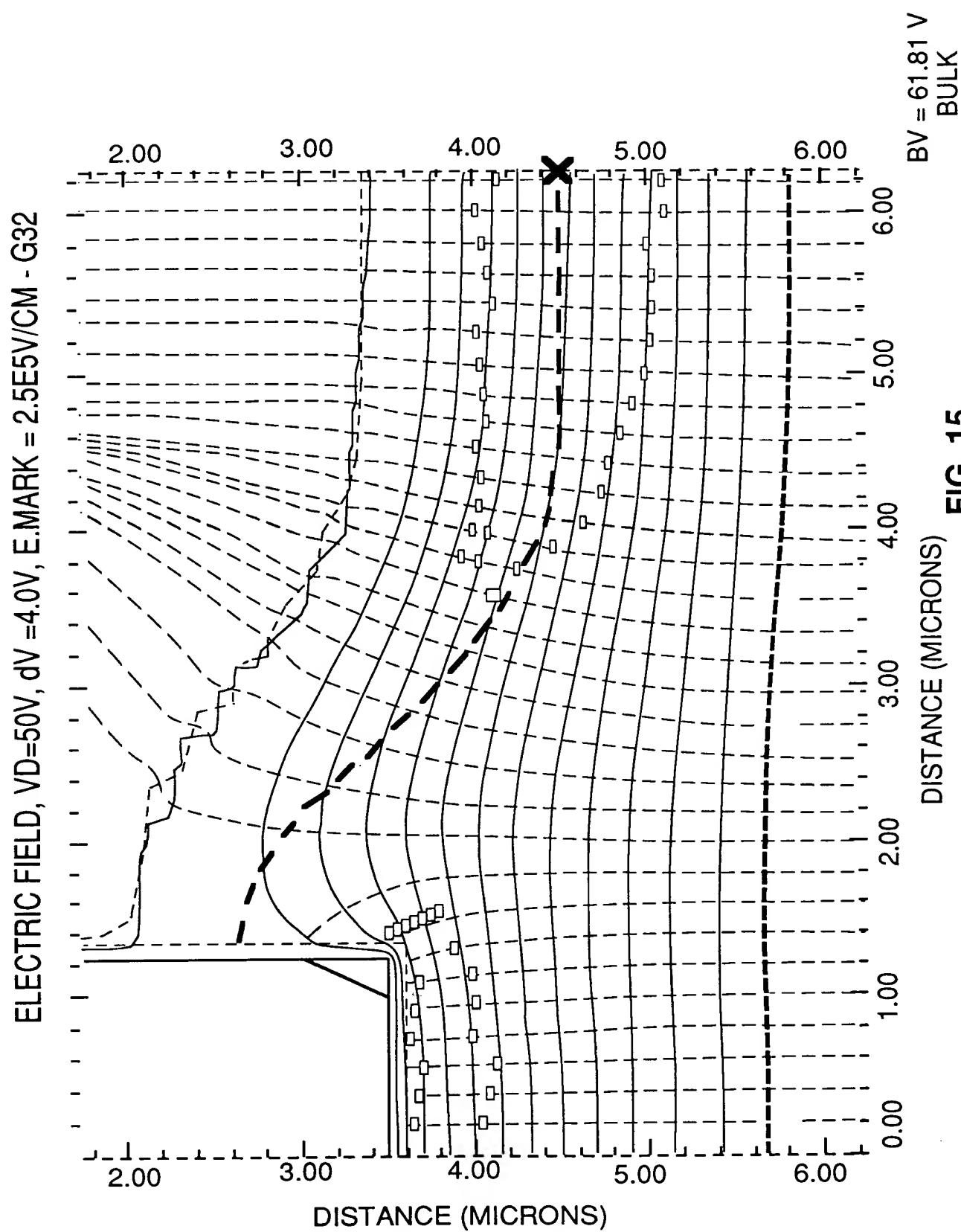


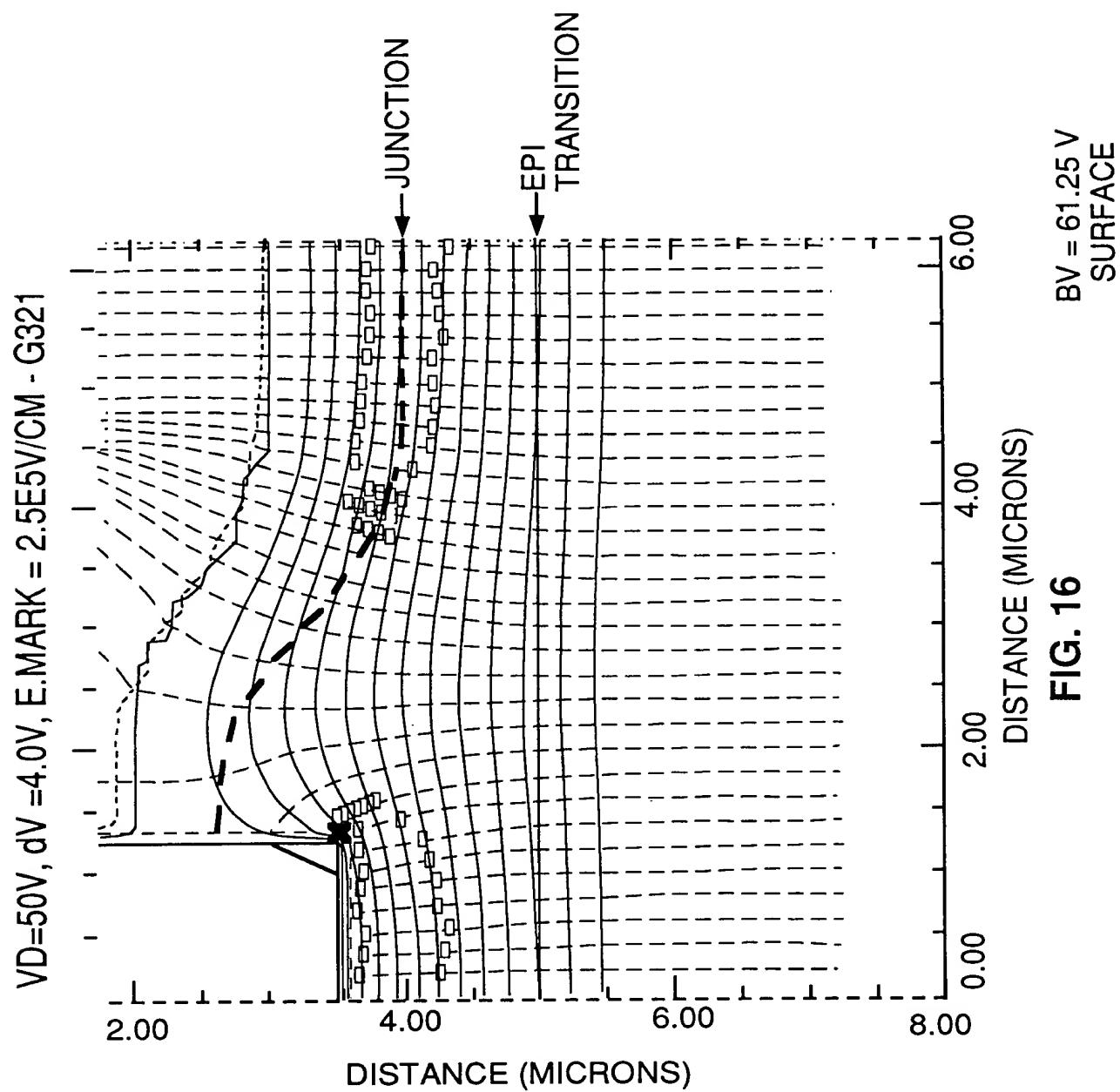
FIG. 14

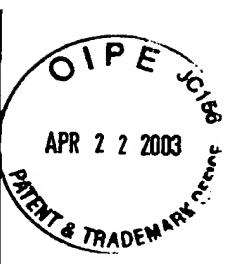
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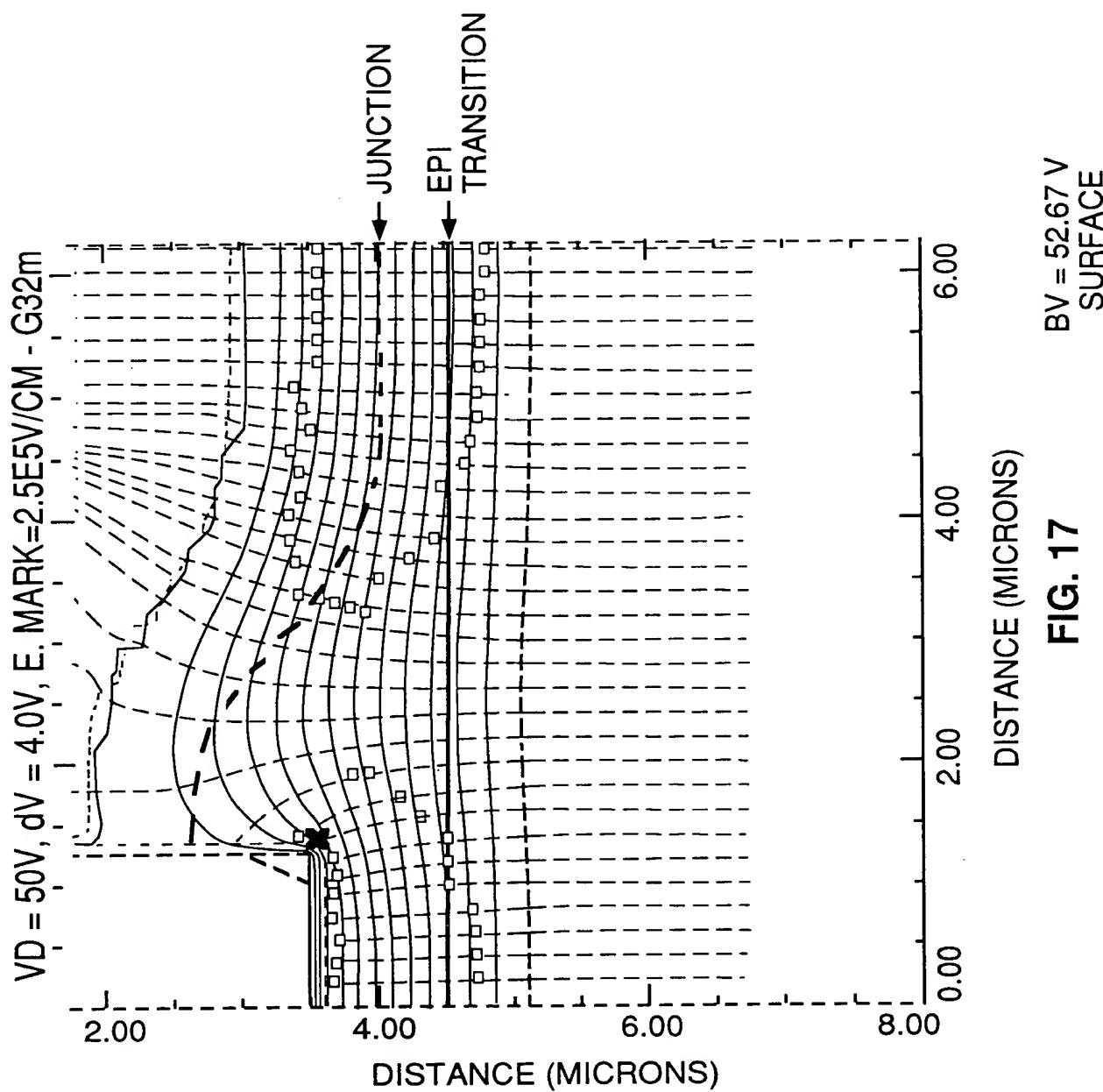
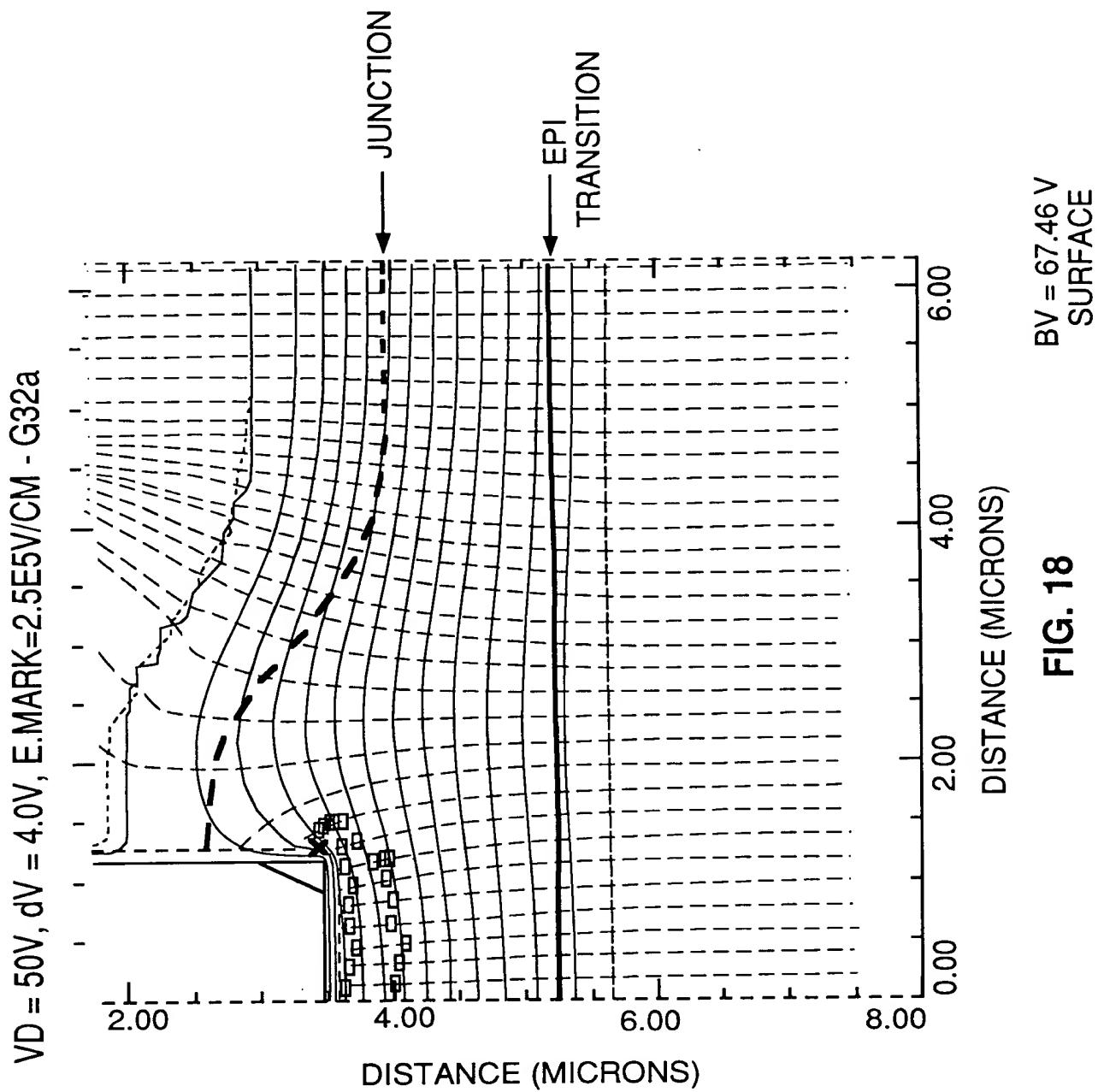


FIG. 17

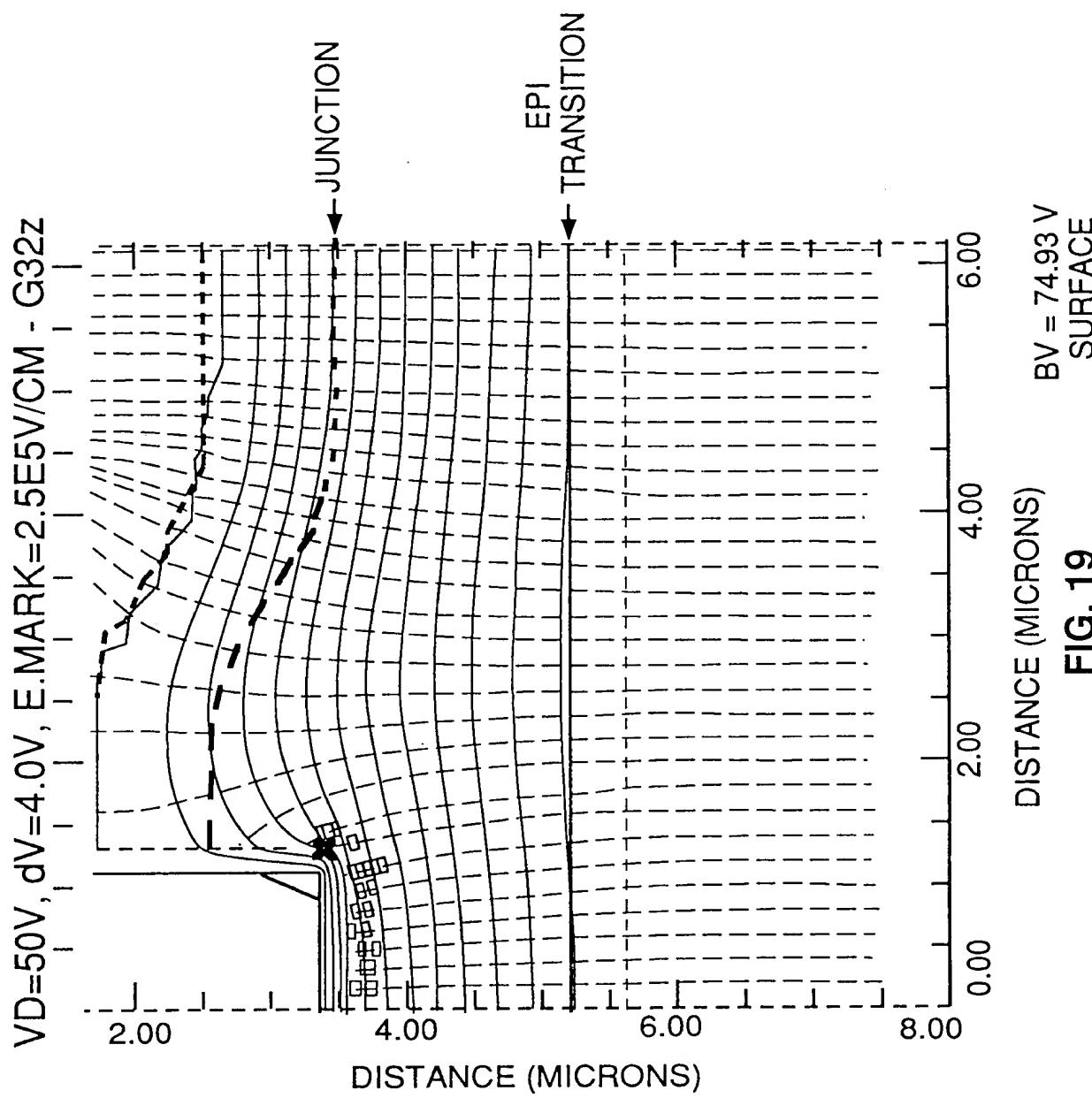


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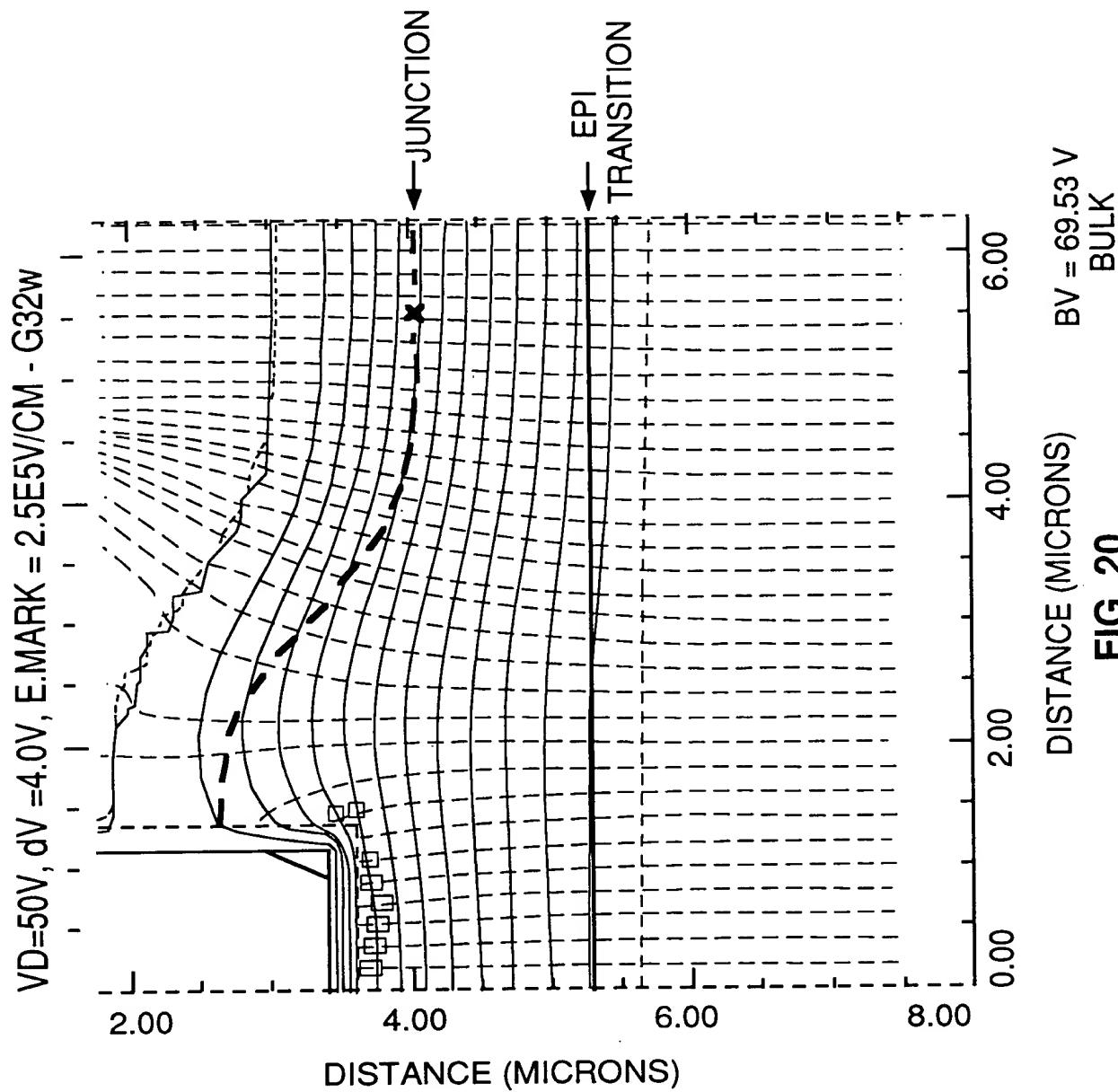
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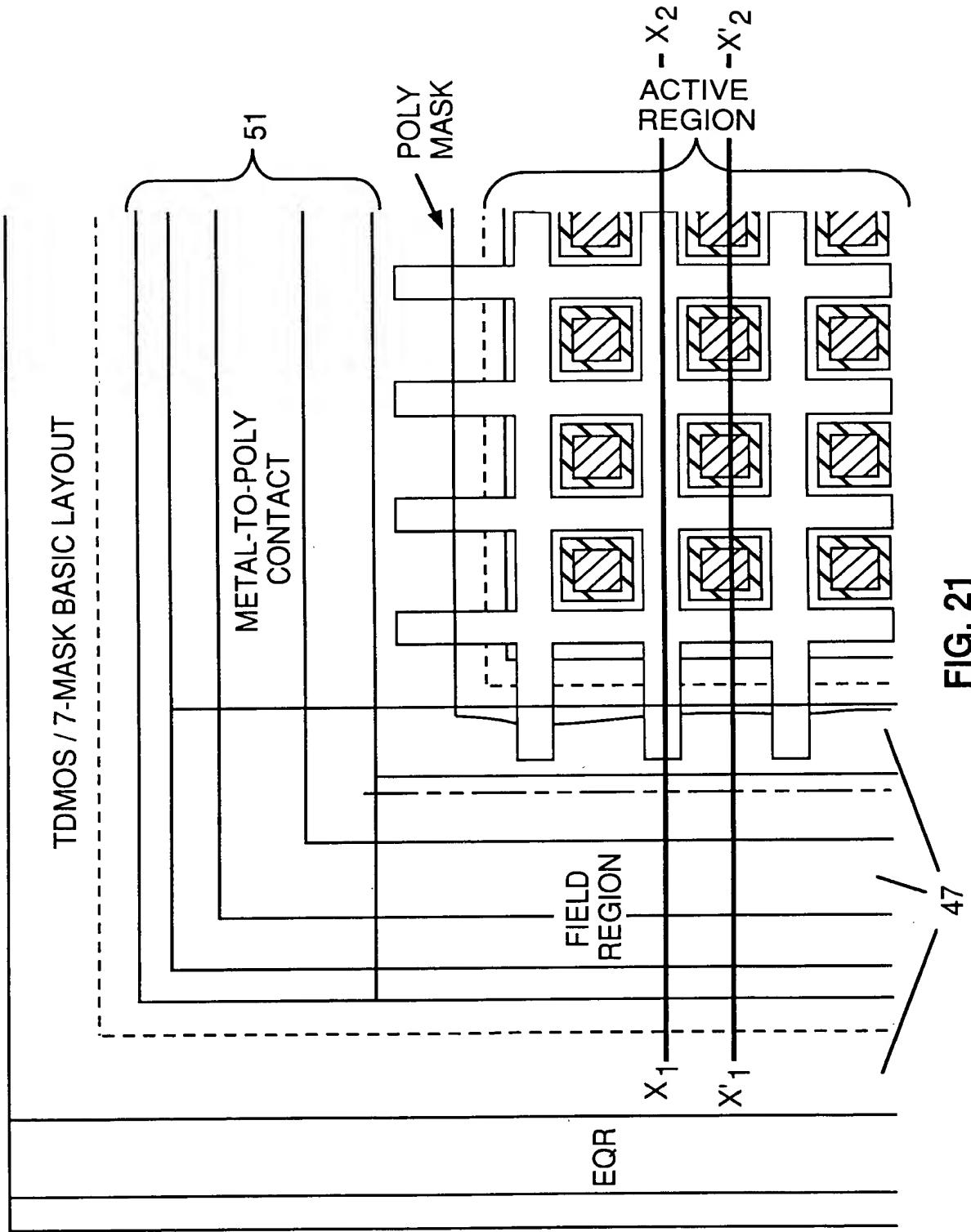


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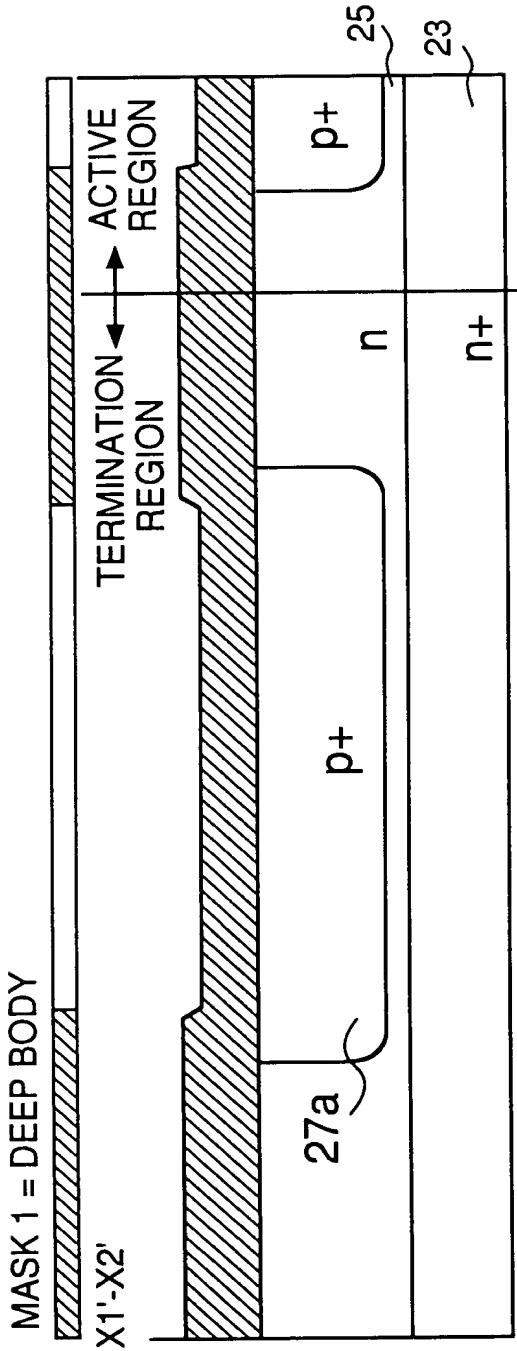


FIG. 22A

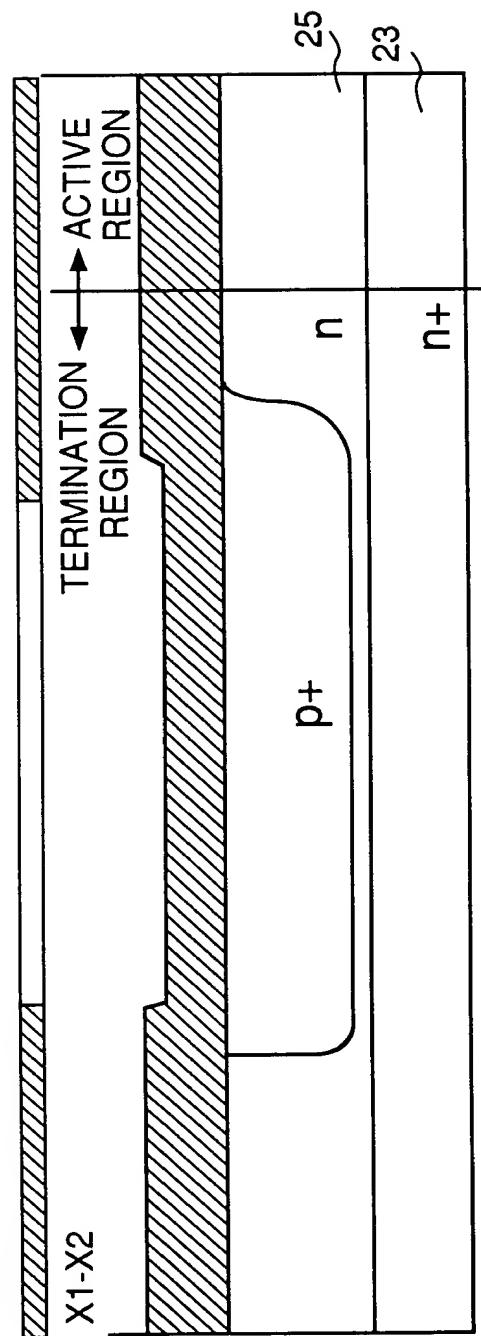


FIG. 22B



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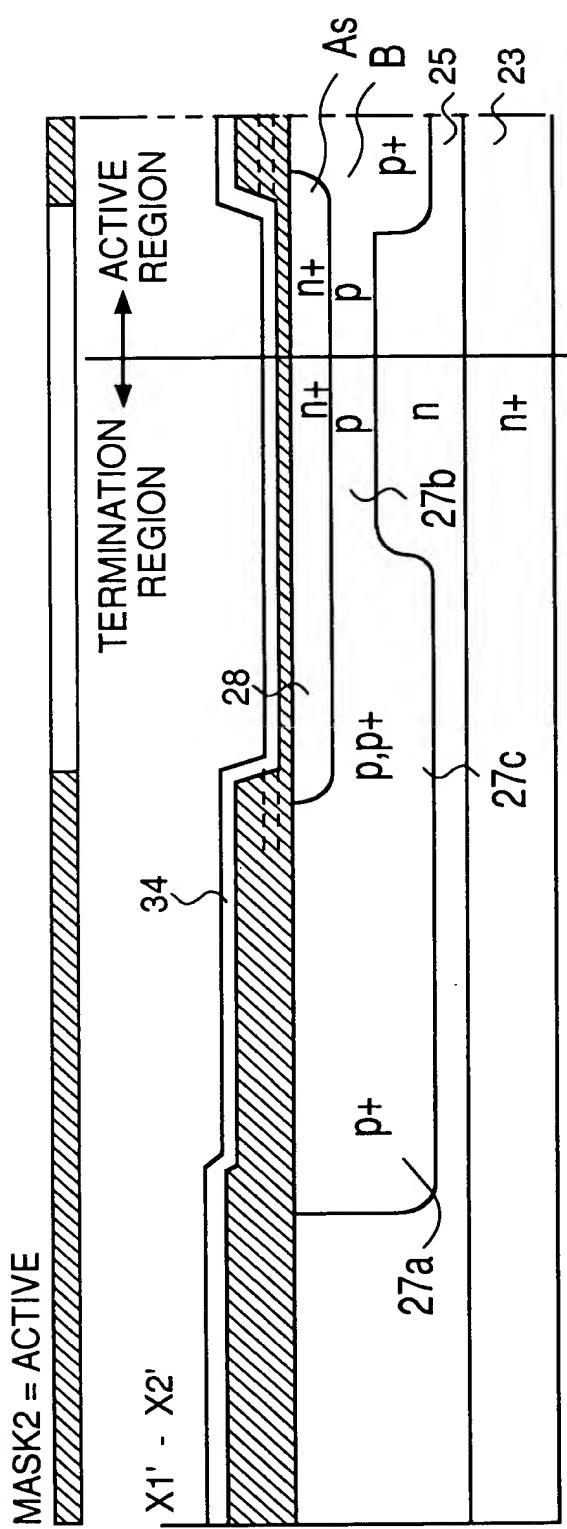


FIG. 23A

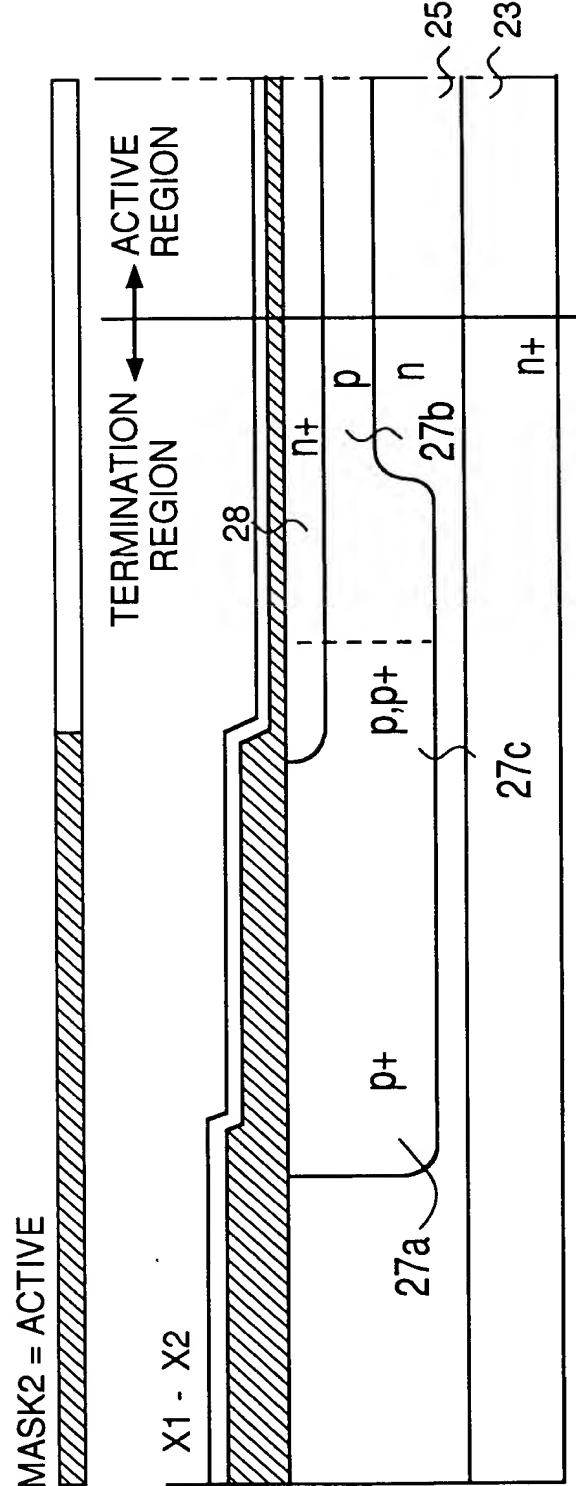


FIG. 23B



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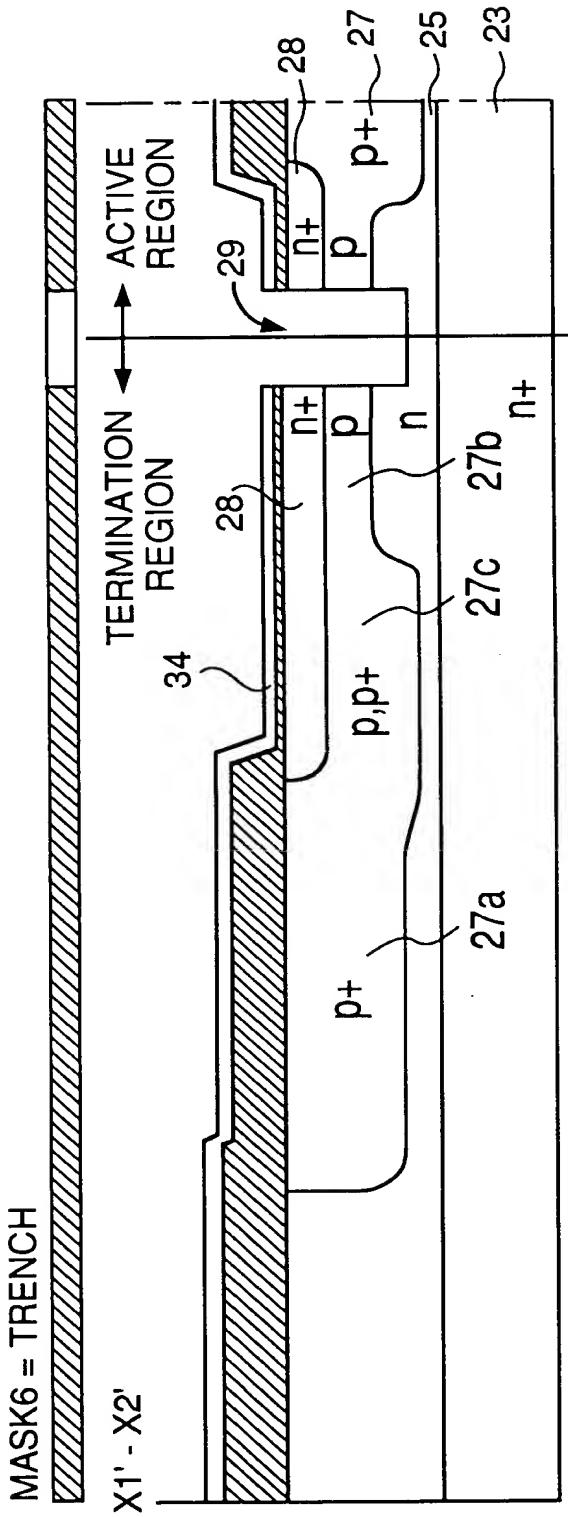


FIG. 24A

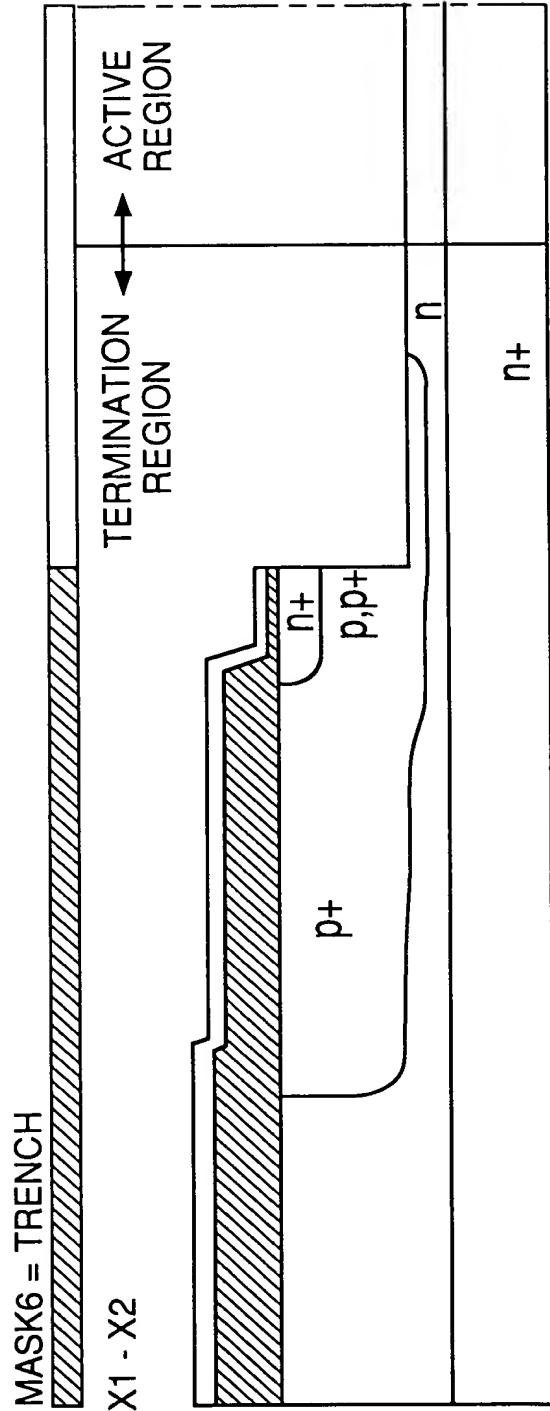


FIG. 24B

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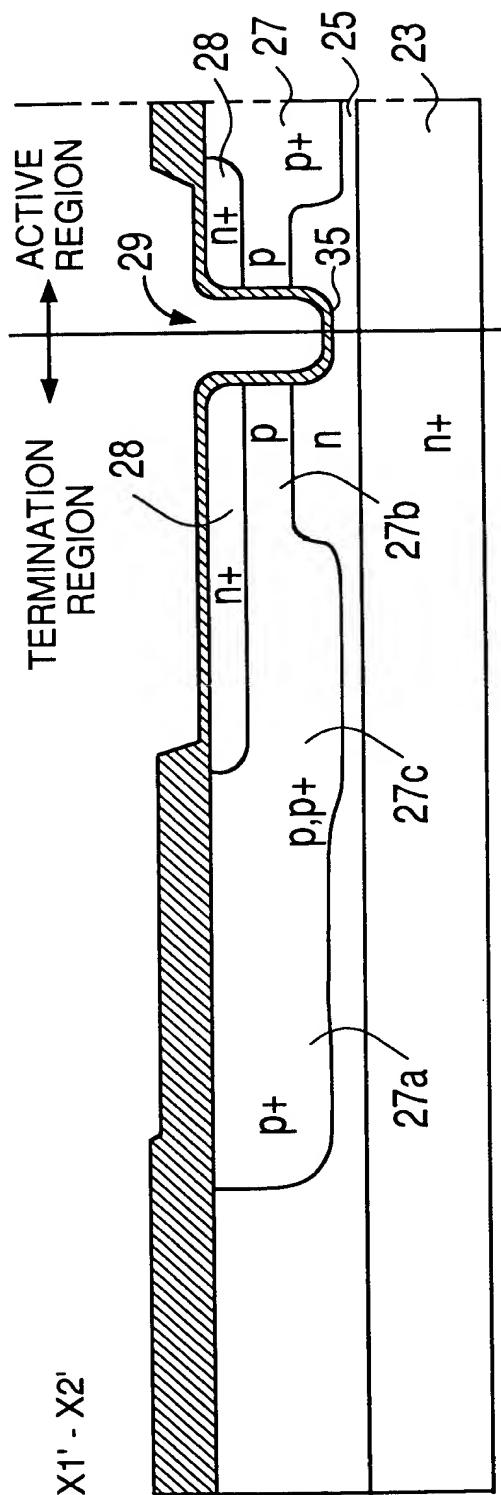


FIG. 25A

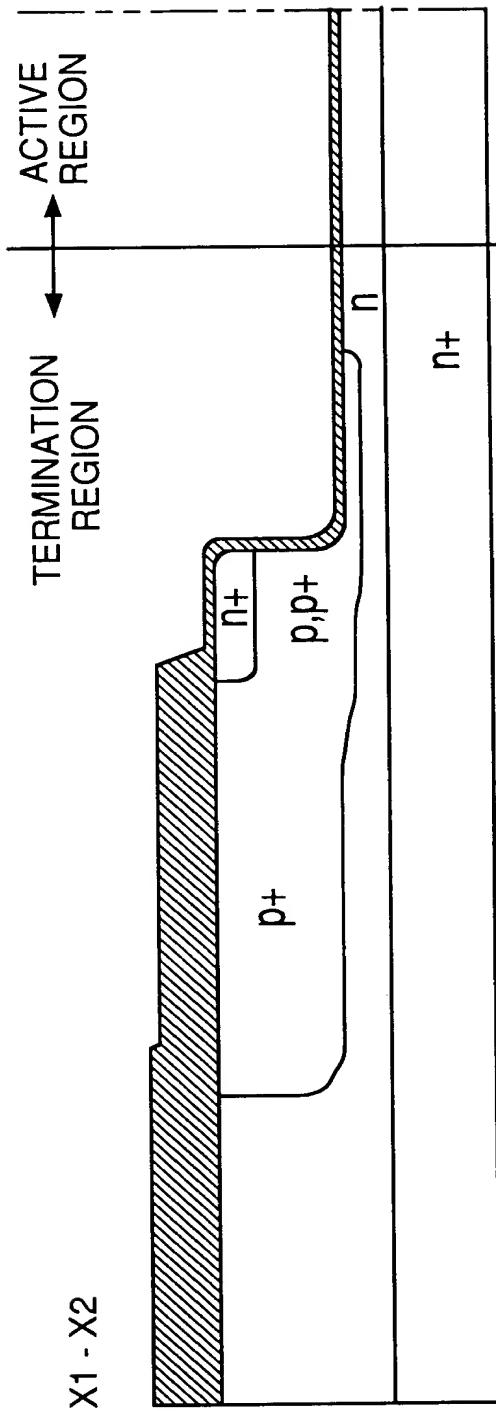


FIG. 25B



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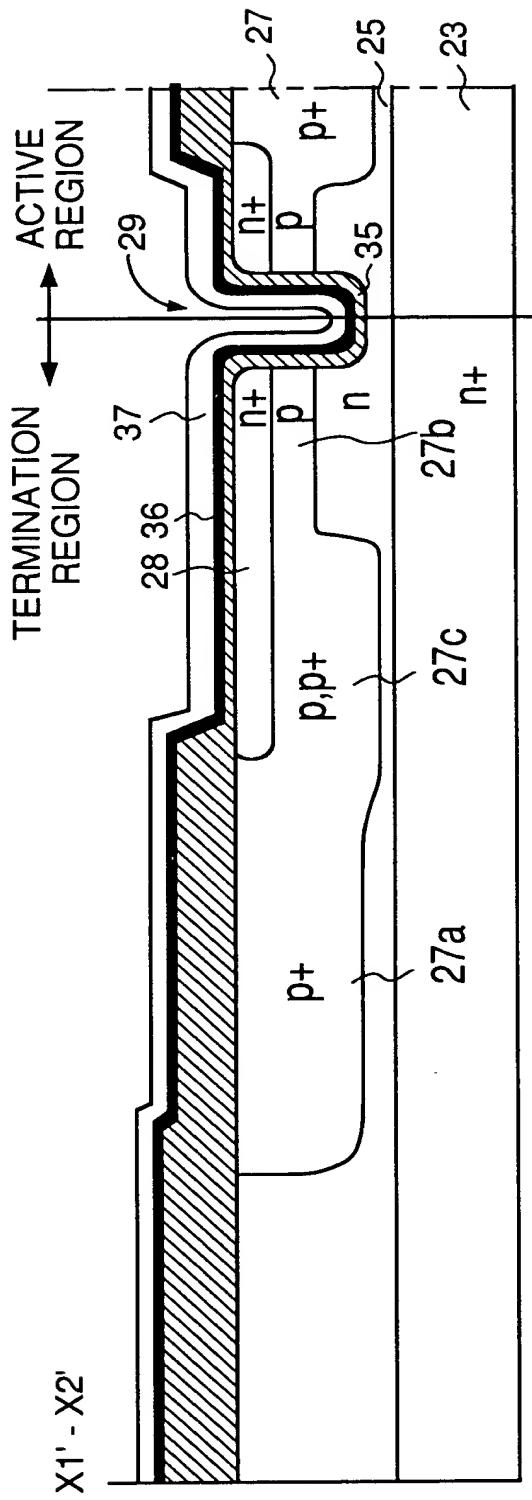


FIG. 26A

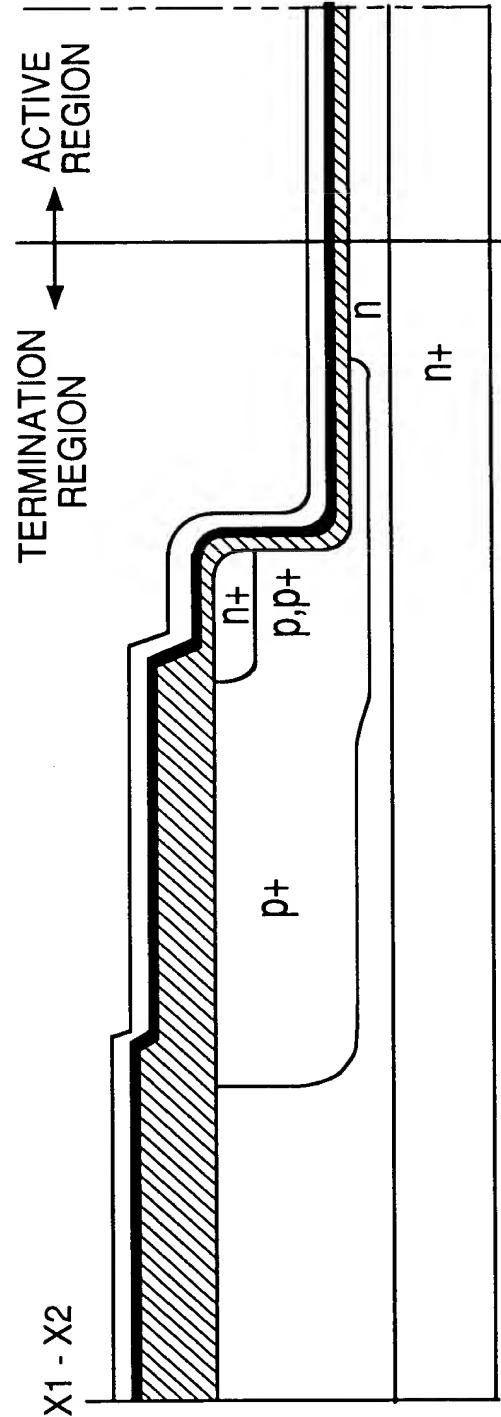


FIG. 26B



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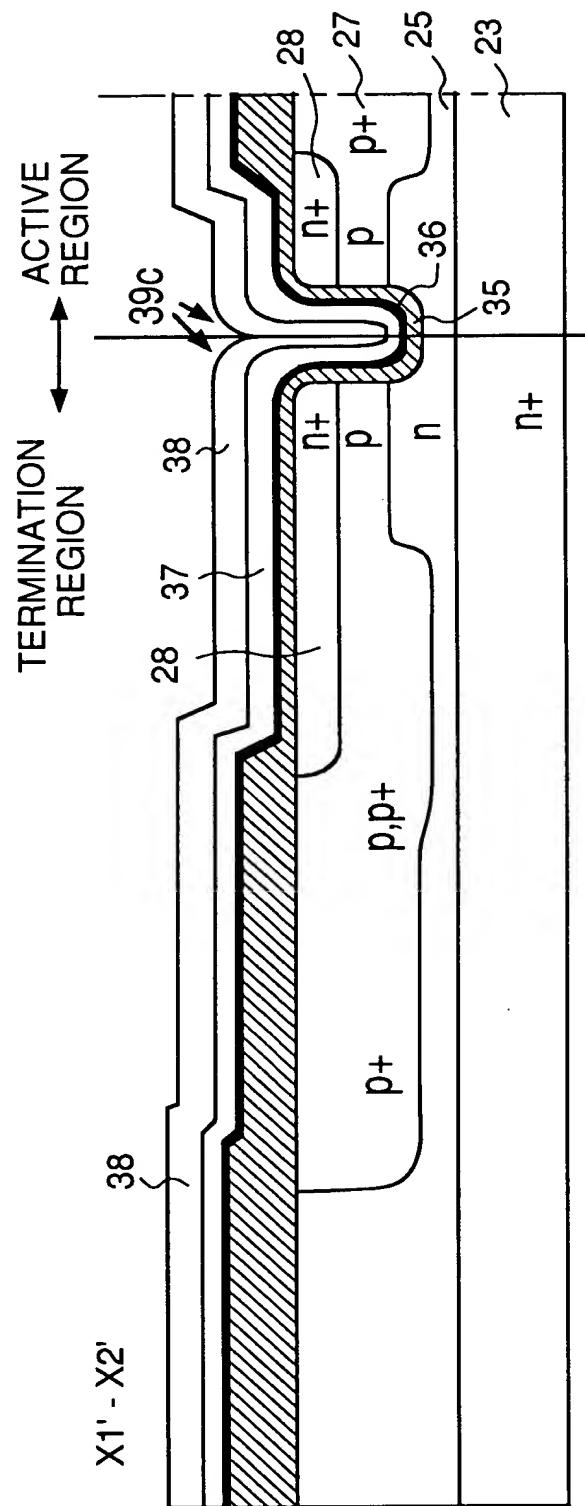


FIG. 27A

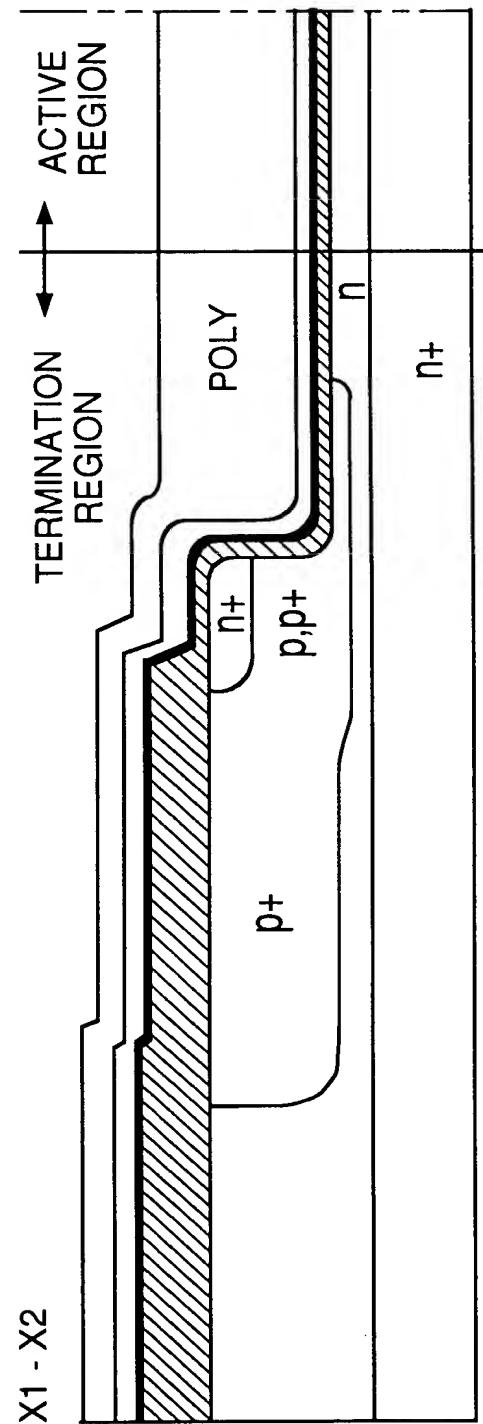


FIG. 27B



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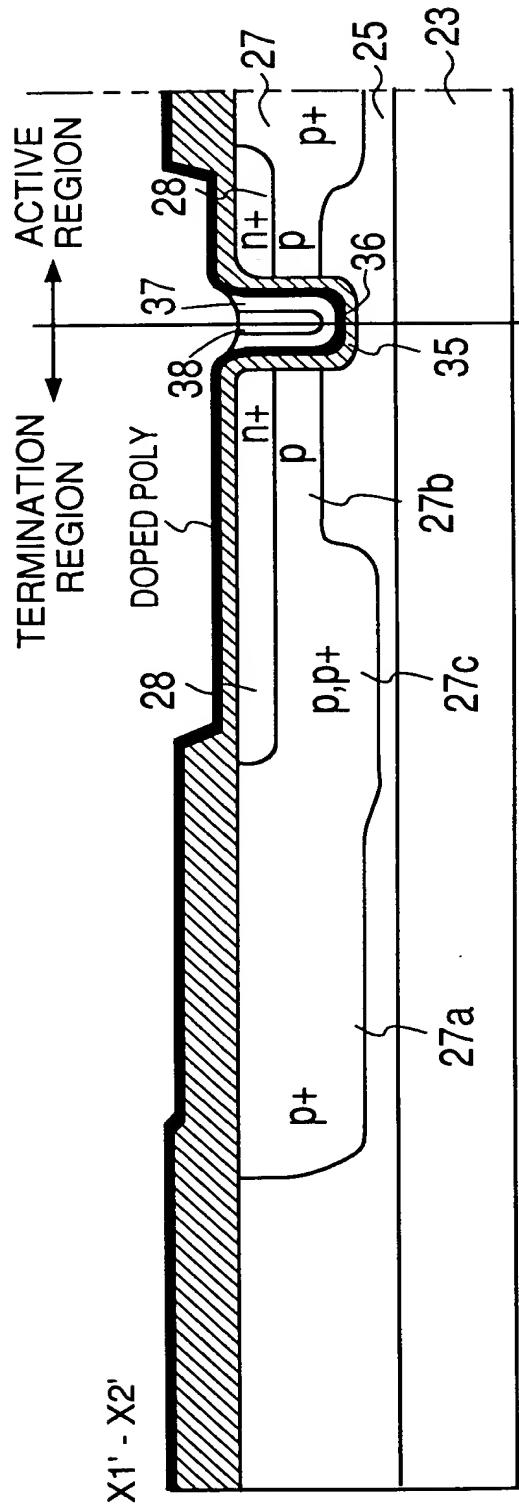


FIG. 28A

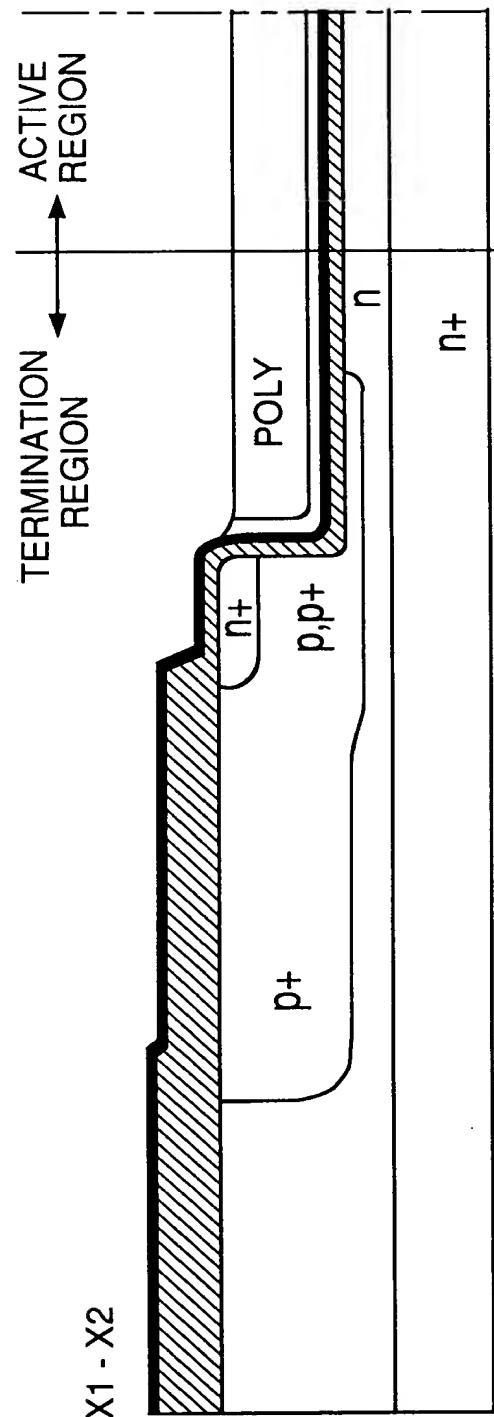


FIG. 28B



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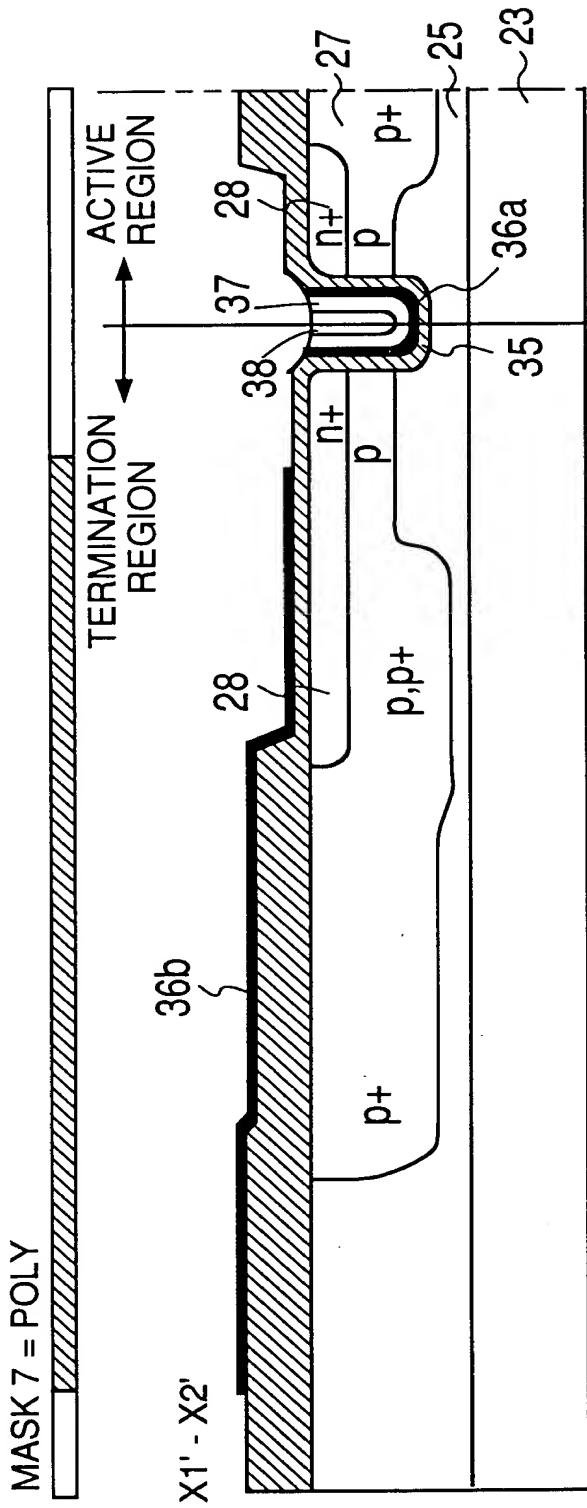


FIG. 29A

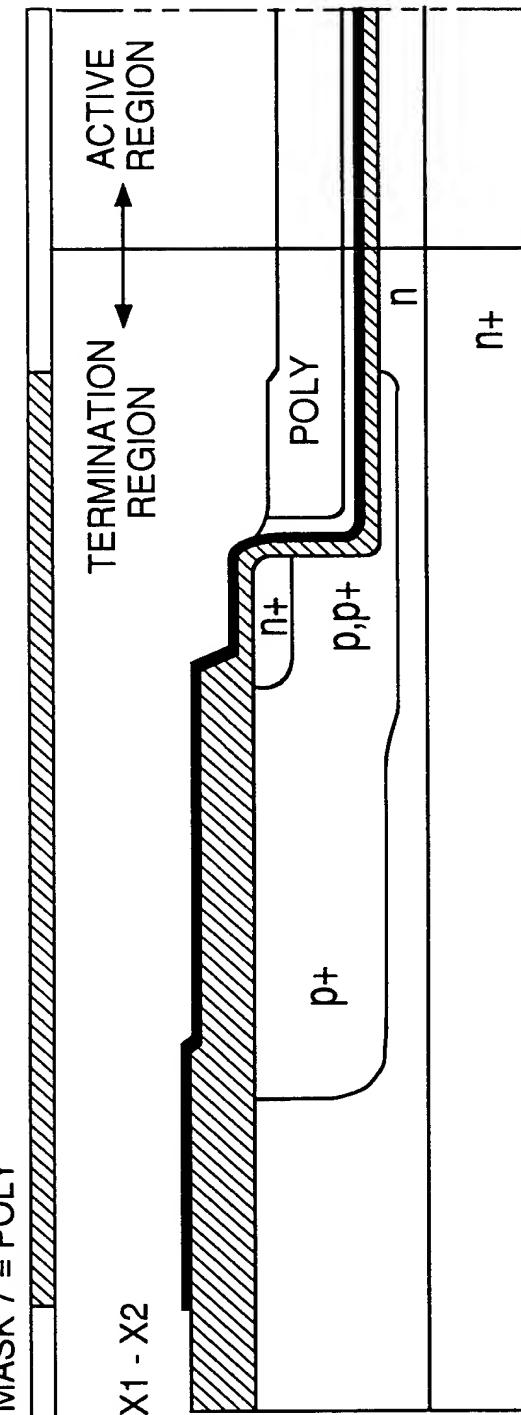


FIG. 29B



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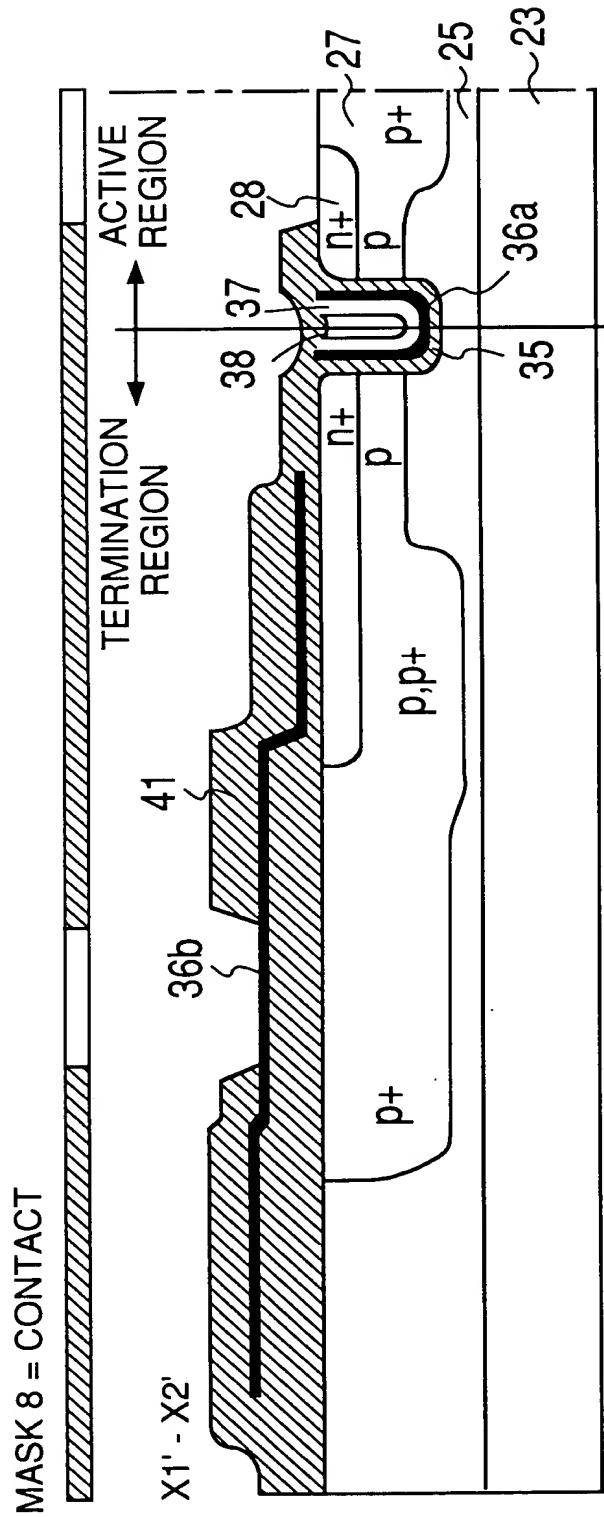


FIG. 30A

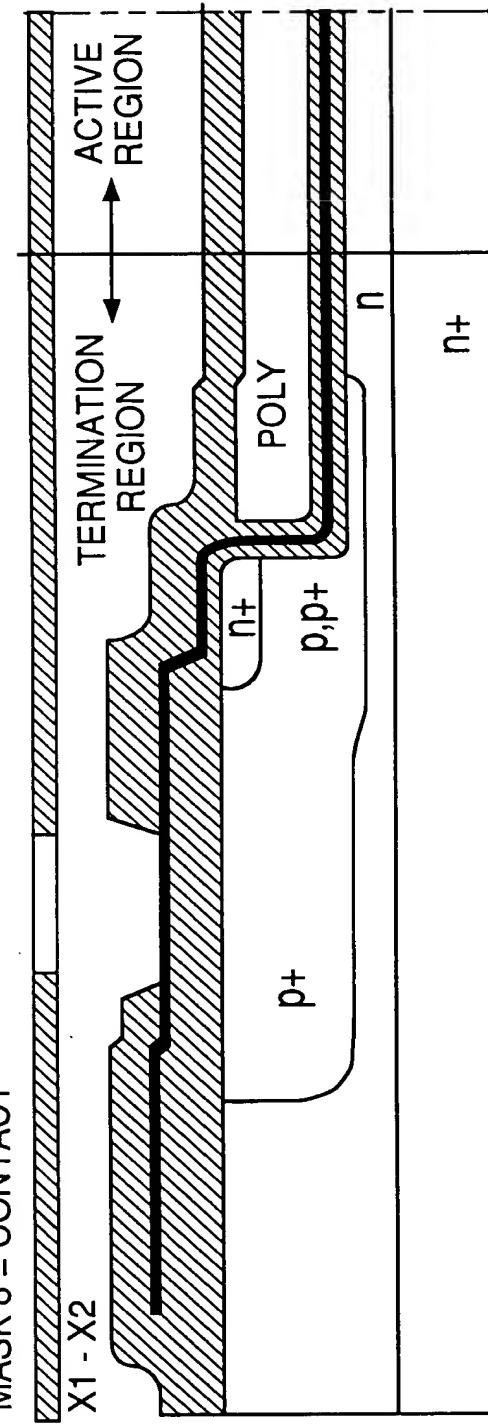
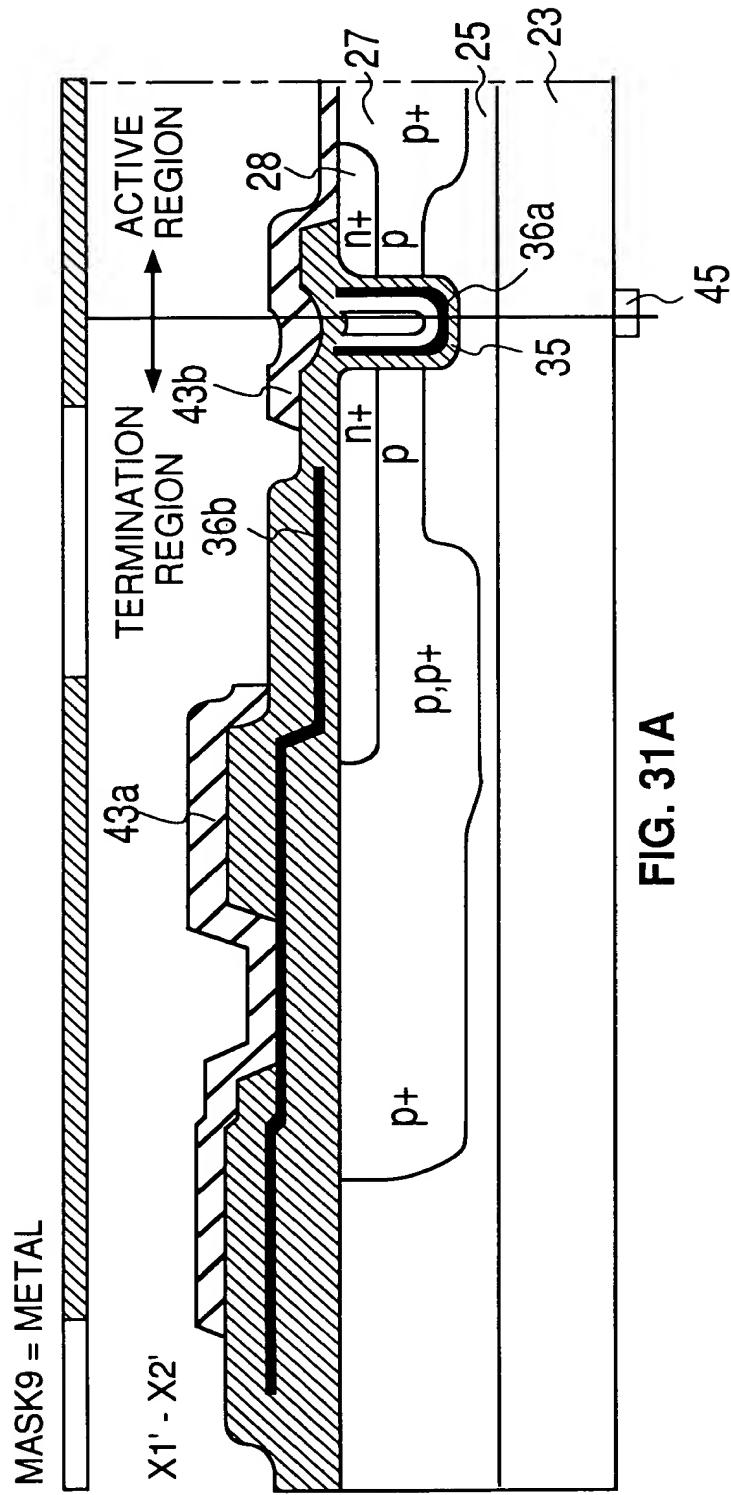


FIG. 30B



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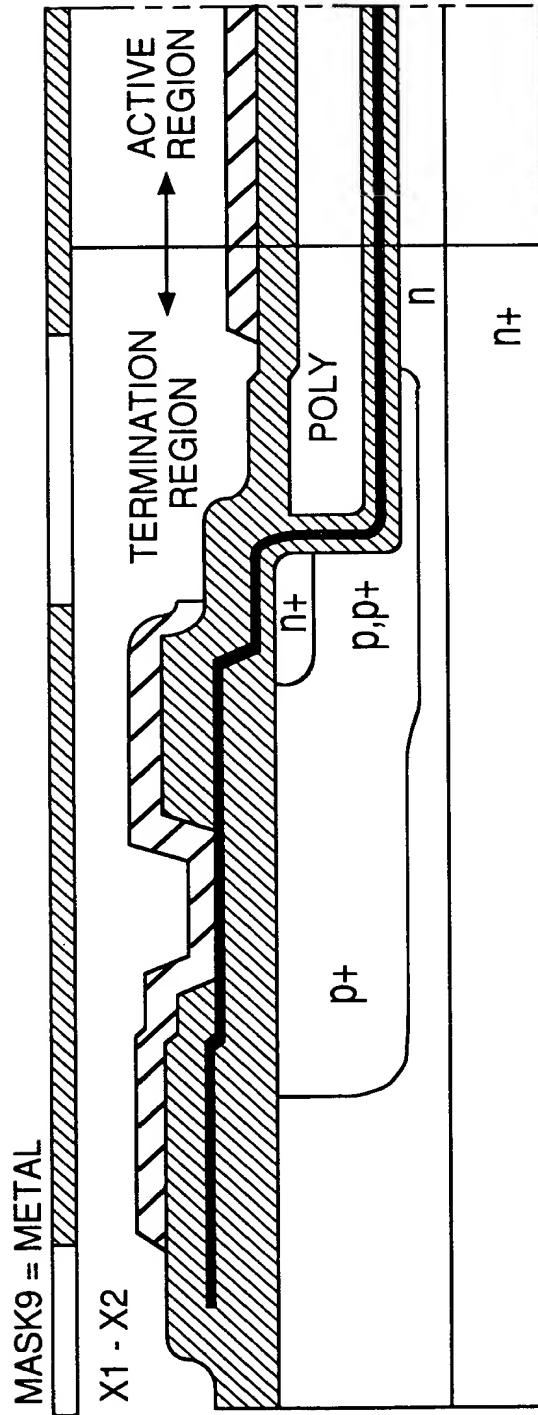


FIG. 31B



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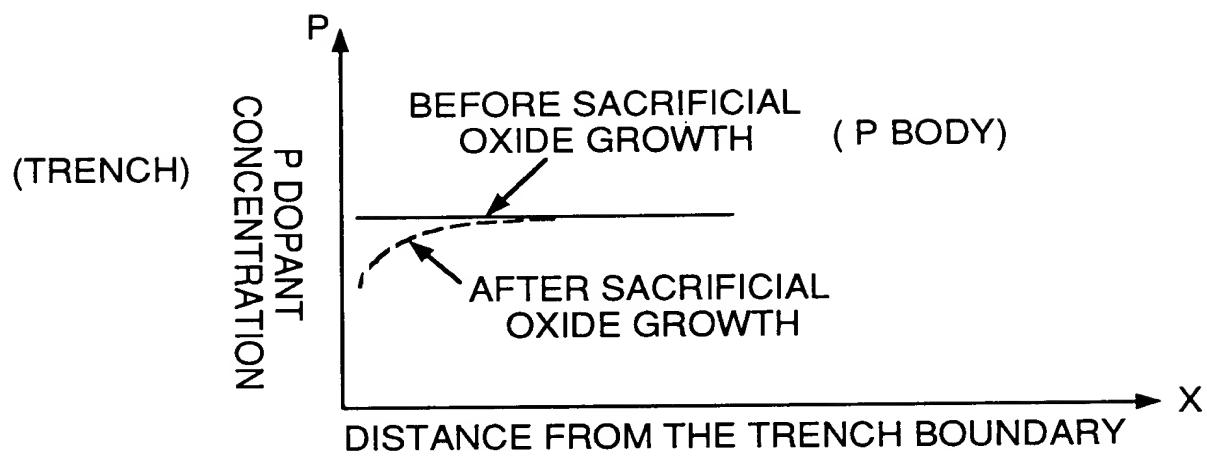


FIG. 32



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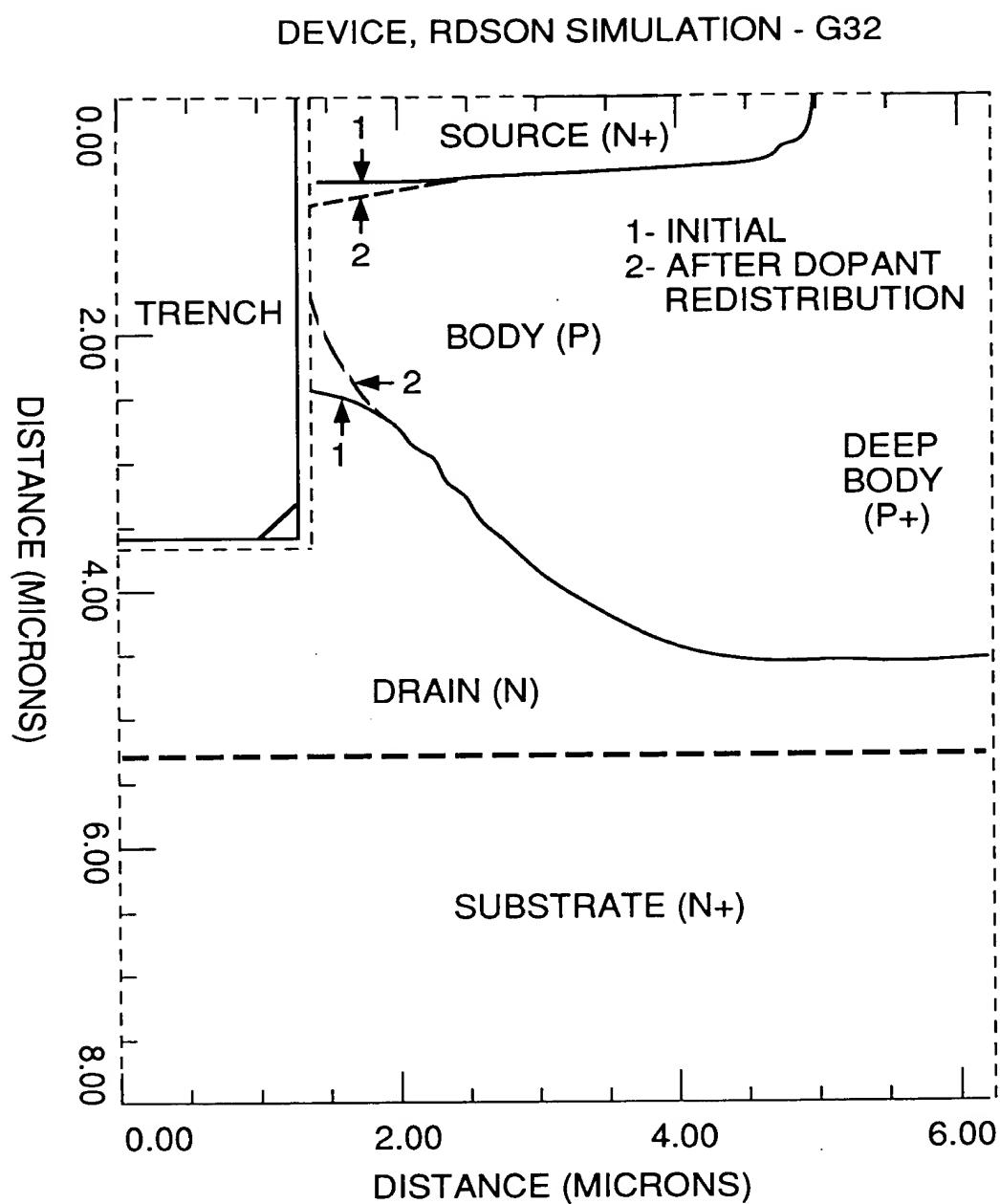


FIG. 33